

# A Complete Bibliography of the *ACM Journal on Educational Resources in Computing (JERIC)*

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA

Tel: +1 801 581 5254  
FAX: +1 801 581 4148

E-mail: [beebe@math.utah.edu](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org),  
[beebe@computer.org](mailto:beebe@computer.org) (Internet)  
WWW URL: <http://www.math.utah.edu/~beebe/>

14 October 2017  
Version 1.14

## Title word cross-reference

**1** [FOP06b, WDSW01].  
**2.0** [Fag02].  
**3.1** [Skr01].  
**8** [She02].  
**Abstract** [SH08a]. **Abstraction** [SH08a].  
**ACM** [CF01]. **active** [SSC01]. **Ada** [Fag02].  
**Ada/Mindstorms** [Fag02]. **adaptability**  
[SFS01]. **adaptive** [Fis01]. **Addressing**  
[Nut06]. **agent** [Imb04]. **aide** [LB05]. **Alfa**  
[WDSW01]. **Alfa-1** [WDSW01]. **algorithm**  
[Hog02, MKKN05]. **Algorithmic**  
[Arm09, Gin02]. **algorithms**  
[BA01, CH05, KPT06]. **Analysis**  
[Arm09, FM02]. **Animation**  
[Hol03, KPT06]. **Animations** [BGA<sup>+</sup>01].  
**Answering** [TM09]. **answers** [Kum05].  
**Approach** [YKMB08, Imb04, TPQE05].  
**architecture** [BR01a, Hog02, MAWW<sup>+</sup>01,  
MS01, YYPA01, Yur02]. **architectures**  
[Skr01]. **area** [KR05]. **artificial** [Kum04a].  
**arts** [TM07]. **ASM** [GPWD03]. **assessed**  
[MKKN05]. **Assessment** [JS09, BS05,  
BH05, DLO05, HGST05, JGB05].  
**assignments** [BH05]. **Assist** [BGA<sup>+</sup>01].  
**Assisted** [JMRE02]. **assurance**  
[Bha06, FOP06a, FOP06b, GPB<sup>+</sup>06].  
**Automated** [HGST05, BH05, Kum05].  
**Automatic** [DLO05]. **automatically**  
[MKKN05].

**balancing** [BC05]. **Based** [JMRE02, ARFILN<sup>+</sup>01, BKMY03, BKMY04, DLO05, SSGS01, WJ04, MAWW<sup>+</sup>01, SFS01]. **Basic** [Con02a]. **basics** [BMS02]. **beginning** [BMS02, GH05]. **behaviors** [GDB05]. **binary** [Gin02]. **black** [McK05]. **board** [Imb04]. **boss** [JGB05]. **boxes** [McK05].

**CAN** [KR05]. **Case** [SH08a, CR05, Hen07, Kum05]. **CDM** [Sut05]. **Central** [ZS08]. **ciphers** [GPG06]. **circuit** [Bur02]. **ClassCompass** [CM07]. **classes** [Skr01]. **classroom** [CR05]. **classrooms** [GDB05]. **climates** [GDB05]. **closed** [SSN05]. **Cognitive** [GKH07]. **collaboration** [BSWH05]. **common** [LK06]. **Communication** [GDB05]. **Compiler** [Gri02]. **component** [ARFILN<sup>+</sup>01]. **Computer** [BGA<sup>+</sup>01, DW08, GS08, GWHK05, JMRE02, SH08a, TM07, TDLG08, ZS08, BR01a, CHC03, FOP06a, FOP06b, GDB05, Har06, Hog02, Hol03, KQ04, MS01, NL03, RH06, Shu06, SPS04, Skr01, Sut05, TPQE05, WP06, WHM05, YYP01, Yur02, FM02, Osb01]. **Computer-Assisted** [JMRE02]. **computers** [Nut06]. **Computing** [YKMB08, BC05, CGG<sup>+</sup>05, CF01]. **Concepts** [ZS08, DWJD04, Hol03, MS01]. **Conference** [MT08a]. **Constructing** [GH05]. **contest** [VA04]. **Context** [TDLG08, Bis06, GKH07, TM07, YG08]. **contracts** [GH05]. **controller** [KR05]. **cooperative** [HKS01]. **Course** [Fis01, Gri02, BSWH05, Har06, Kum04a, Nut06, SKT08]. **courses** [Bha06]. **CPU** [Skr01]. **Creating** [LB05, GDB05]. **cryptanalysis** [GPG06]. **Cryptography** [HC02]. **CS** [Arm09]. **CS1** [SH08b, SSN05]. **CS2** [YG08]. **curricula** [The01]. **curriculum** [Con07, FOP06a, FOP06b, GPB<sup>+</sup>06, McK05].

**Data** [SH08a, YG08]. **database** [Hen07]. **defensive** [GDB05]. **Definition** [SH08a]. **degree** [Con07]. **Design** [GS08, Bur02, CM07, Hen07, CR05]. **Designing** [Roy06]. **detection** [WJ04]. **detective** [DWJD04]. **Development** [GS08, CR05, SKT08]. **diagramming** [TPQE05]. **Diagrams** [JS09]. **different** [MKKN05]. **digital** [MCSF06]. **disaster** [LK06]. **disasters** [LK06]. **discrete** [CH05, GH05, HR05, Sut05]. **Dispelling** [LK06]. **distance** [MAWW<sup>+</sup>01]. **distributed** [BA01, BR01b, HKS01, KPT06, SSC01]. **driven** [TG06]. **during** [SKT08].

**E-Assessment** [JS09]. **e-learning** [TG06]. **early** [TPQE05]. **Editor** [Hel01]. **Editorial** [CF01, FOP06a, FOP06b, HR05, Yur01]. **editors** [MT07a]. **Education** [DW08, SH08a, ZS08, ARFILN<sup>+</sup>01, BC05, FM02, KQ04, Kum04b, Kum04c, MAWW<sup>+</sup>01, SPS04, TPQE05, VA04]. **educational** [KPT06, SFS01, SSGS01, WDSW01]. **educators** [RH06]. **Effective** [Gin02]. **effectiveness** [GKH07]. **effects** [FM02]. **elementary** [SKT08]. **embedded** [RMB02]. **Empirical** [ZS08]. **emulator** [She02]. **encountered** [Han08]. **engine** [CHC03]. **Engineering** [Gri02, BSWH05, CR05, KQ04, VA04]. **enhancing** [GKH07]. **environment** [BKMY03, BKMY04, KPT06, Lei01, SSC01]. **environments** [HKS01]. **evaluating** [Edw03]. **evaluation** [BS05]. **Evidence** [MT07b, TM08b]. **execution** [BA01]. **exercise** [Fis01]. **exercises** [Bha06, BS05, MKKN05]. **experience** [CR05, MCSF06]. **Experiences** [MKKN05, HGST05]. **experiential** [VA04]. **experiments** [Bru06]. **explaining** [Roy06]. **extensible** [KPT06].

**feedback** [Kum05]. **female** [WHM05]. **field** [KQ04]. **First** [SH08b, Nut06]. **First-year** [SH08b]. **forensics** [Har06]. **Foundation** [ZS08]. **framework** [BR01b, HMHGK01, SSN05]. **fully** [Kum05]. **future** [Yur02].

**Game** [GS08]. **gaming** [GKH07]. **Ganzúa** [GPG06]. **Gender** [McK05, BC05, LB05]. **gender-balancing** [BC05]. **Generation** [Kum05]. **GetSmart** [MCSF06]. **grade** [Kum05]. **graphical** [Bur02]. **graphics** [GWHK05]. **Greetings** [Hel01]. **Grounding** [TM08a]. **Guest** [Hel01]. **guide** [Fag02].

**h** [MAWW<sup>+</sup>01]. **hands** [Shu06]. **hands-on** [Shu06]. **handy** [Imb04]. **HCI** [YKMB08]. **helps** [WHM05]. **High** [Hog02, SH08a]. **High-performance** [Hog02]. **hiring** [CV08]. **History** [Hen07]. **hold** [Yur02]. **hospital** [GPB<sup>+</sup>06]. **host** [Shu06]. **Hurricane** [LK06]. **hypermedia** [Fis01].

**Implementation** [SH08a]. **implications** [GKH07]. **impressions** [SH08b]. **improve** [SM03]. **Improving** [Edw03]. **Individualized** [BS05]. **industry** [CV08]. **influence** [LB05]. **information** [Bha06, Bis06, CHC03, FOP06a, FOP06b, GPB<sup>+</sup>06, HKS01, Hen07]. **Infrastructure** [JMRE02]. **Innovative** [GPB<sup>+</sup>06]. **instruction** [Bru06, GWHK05, LB05]. **Instructional** [DW08]. **intelligence** [Kum04a]. **intelligent** [Imb04, SSC01]. **interaction** [SM03]. **Interactive** [BA01, SFS01]. **interdisciplinary** [KQ04]. **interpreter** [CS02]. **introduce** [MS01]. **introducing** [CF01]. **Introduction** [Con02a, HC02, Kum04b, Kum04c]. **introductory** [BR01a, FM02]. **IRI** [MAWW<sup>+</sup>01]. **IRI-h** [MAWW<sup>+</sup>01]. **ISA** [DZ02]. **issue** [BC05, BH05, FOP06b, HR05, Kum04b, Kum04c, Yur02, FOP06b].

**Java** [MAWW<sup>+</sup>01]. **Java-based** [MAWW<sup>+</sup>01]. **JavaScript** [BMS02]. **JERIC** [MT07a]. **Journal** [CF01, MT08a].

**Katrina** [LK06]. **kernels** [RMB02]. **Key** [BGA<sup>+</sup>01, CHC03]. **knob** [BR01a]. **knowledge** [BS05, HKS01, TG06]. **knowledge-driven** [TG06]. **KScalar** [MRL02].

**L3** [Lei01]. **Labels** [JS09]. **Laboratories** [DW08, SSN05]. **Laboratory** [Bha06, Bru06, BMS02, VA04]. **language** [DH01, DWJD04, GPWD03, WJ04]. **learned** [Kum04a, LK06]. **Learning** [BGA<sup>+</sup>01, JMRE02, TM08a, TDLG08, Fis01, HKS01, Lei01, MCSF06, SSC01, TG06]. **Lego** [GPWD03]. **LEGO(R)** [Imb04]. **LegoSim** [RMB02]. **lessons** [Kum04a, LK06]. **level** [SPS04]. **liberal** [TM07]. **libraries** [MCSF06]. **library** [CR05]. **Linking** [TM08b]. **Linux** [Shu06]. **literate** [Roy06]. **Little** [YYP01]. **logic** [Bur02, CH05]. **Logisim** [Bur02]. **LYDIAN** [KPT06].

**machine** [DH01]. **majors** [Sut05]. **Making** [MT08b, GH05]. **Man** [YYP01]. **management** [HKS01]. **manual** [Fag02]. **MARIE** [NL03]. **MarieSim** [NL03]. **mathematics** [CH05, GH05, HR05, Sut05]. **may** [Yur02]. **means** [GDB05]. **mentoring** [CM07]. **metadata** [Fis01]. **microcluster** [KR05]. **mindstorm** [GPWD03]. **minimalist** [TPQE05]. **minimUML** [TPQE05]. **model** [ARFILN<sup>+</sup>01, Con07, GPB<sup>+</sup>06, TG06]. **monoalphabetic** [GPG06]. **Mostly** [Arm09]. **Moving** [MCSF06]. **multimedia** [HMHGK01, SSGS01]. **multithreaded** [CMS03]. **myths** [LK06].

**Narrating** [YG08]. **natural** [WJ04]. **network** [Bru06, KR05, RH06].

**networking** [Hol03]. **networks** [Imb04].  
**neural** [Imb04]. **novice** [Han08].

**OAMulator** [MS01]. **object** [Fel05, SKT08].  
**object-oriented** [Fel05, SKT08]. **online**  
 [Bha06, CH05, JGB05]. **open** [Lei01].  
**Organization** [TDLG08, Skr01]. **oriented**  
 [Fel05, SKT08]. **other** [LK06]. **own** [Edw03].

**Pair** [WHM05, Han08, SH08b].  
**Pair-programming** [WHM05]. **Parallel**  
 [KR05]. **parity** [LB05]. **Part** [TM09].  
**Patterns** [GS08]. **PDP** [She02]. **PDP-8**  
 [She02]. **pedagogical** [CMS03]. **peer**  
 [SM03]. **Mindstorms** [Fag02].  
**performance** [Edw03, Hog02, MAWW+01].  
**personalize** [TG06]. **perspectives** [Gin02].  
**PIPPIN** [DH01]. **PL** [DWJD04].  
**PL-detective** [DWJD04]. **places** [Hen07].  
**plagiarism** [WJ04]. **policies** [MKKN05].  
**polyalphabetic** [GPG06]. **portable**  
 [WP06, RH06]. **Postroom** [Os01].  
**Practice** [TM08a]. **Preface** [BH05].  
**present** [Yur02]. **Problem** [JS09, Gin02].  
**Problems** [Arm09, Han08, Kum05].  
**processing** [DH01, KR05]. **processor**  
 [WDSW01]. **program**  
 [KQ04, SKT08, She02]. **programmers**  
 [BMS02, GH05, Han08]. **programming**  
 [BKMY03, BKMY04, BMS02, BS05, BH05,  
 CMS03, Con02a, DWJD04, DLO05, Fel05,  
 GPWD03, HGST05, McK05, SKT08, SH08b,  
 WHM05]. **programs** [Edw03, Roy06].  
**Project** [Gri02, CHC03, Har06]. **projects**  
 [GPWD03]. **promise** [CGG+05]. **proofs**  
 [CH05]. **pseudocode** [Roy06]. **Pthreads**  
 [RMB02]. **purposes** [WDSW01]. **puzzles**  
 [CH05]. **Pyro** [BKMY03, BKMY04].  
**python** [BKMY04, BKMY03].  
**python-based** [BKMY04, BKMY03].

**quality** [Fel05]. **Quantitative**  
 [Arm09, FM02]. **Question** [TM09].  
**questions** [TM08b]. **QuizPACK** [BS05].

**rationale** [CR05]. **Real** [MT08b, YKMB08].  
**Realizing** [CGG+05]. **recovery** [LK06].  
**Reducing** [SH08a]. **Reduction** [Arm09].  
**Reductive** [Arm09]. **reference** [Fag02].  
**reflections** [BSWH05]. **relational** [Hen07].  
**relevant** [GH05]. **Requirements** [Con02b].  
**resource** [MS01]. **Resources**  
 [CF01, FOP06b, SFS01, SSGS01, FOP06a].  
**resubmission** [MKKN05]. **retrieval**  
 [Hen07]. **Reusability** [SFS01]. **review**  
 [DLO05, SM03]. **road** [RH06]. **RoboCup**  
 [SPS04]. **Robot** [VA04, CS02]. **robotics**  
 [BKMY03, BKMY04, KQ04, Kum04b,  
 Kum04c]. **robots** [FM02, Imb04, Kum04a].  
**role** [YG08]. **RTLSim** [YYP01].

**Scholarship** [TM08a]. **School** [SH08a].  
**Science** [BGA+01, SH08a, ZS08, BR01a,  
 CHC03, GDB05, GKH07, KQ04, SPS04,  
 Sut05, TM07, TPQE05, WHM05, FM02].  
**search** [CHC03]. **Security**  
 [DW08, Bis06, Bru06, FOP06a, FOP06b,  
 RH06, Shu06, WP06]. **see** [Yur02]. **SEED**  
 [DW08]. **self** [BS05]. **self-assessment**  
 [BS05]. **Sentence** [WJ04]. **Sentence-based**  
 [WJ04]. **sequencing** [Fis01]. **series**  
 [BMS02]. **serious** [GKH07]. **sharing**  
 [SSGS01]. **Significant** [TM09]. **Sim** [Skr01].  
**simulated** [WDSW01]. **simulating** [Skr01].  
**simulation** [Bur02, MKKN05, RMB02].  
**simulations** [DH01]. **simulator**  
 [BR01a, Hog02, MRL02, NL03, YYP01].  
**simulators** [Yur02]. **Sloop** [DZ02]. **small**  
 [Nut06]. **SMOK** [DZ02]. **Software** [Con02b,  
 Gri02, BSWH05, CV08, CM07, HR05].  
**Solutions** [Arm09, RH06]. **solving** [Gin02].  
**Some** [BGA+01]. **space** [MCSF06]. **Special**  
 [BC05, Yur02, BH05, HR05, Kum04b,  
 Kum04c, FOP06b]. **specialized** [Yur02].  
**standardized** [ARFILN+01]. **state**  
 [SKT08]. **sTeam** [HKS01]. **structures**  
 [YG08]. **structuring** [HKS01]. **student**  
 [CV08, Edw03, GPWD03, MCSF06, SKT08,  
 SM03, SH08b]. **students** [Edw03, WHM05].

**study** [Hen07, Kum05, SKT08]. **submission** [JGB05]. **Suite** [DW08]. **Support** [TDLG08, BR01b, HR05]. **supportive** [GDB05]. **switch** [BR01a]. **system** [Bur02, CM07, DWJD04, Hen07, JGB05, MAWW<sup>+</sup>01]. **Systems** [Con02b, BR01b, CHC03, Fis01, SFS01].

**Taking** [RH06]. **taxonomy** [HMHGK01].

**Teaching**

[Bis06, CHC03, CH05, Fel05, GS08, Gri02, Shu06, TM08a, BKMY03, BKMY04, BR01b, CR05, DWJD04, GPB<sup>+</sup>06, HR05, HGST05, Imb04, MS01, YYP01, Sut05]. **team** [HKS01]. **team-distributed** [HKS01]. **term** [Har06]. **test** [DLO05, Edw03]. **test-based** [DLO05]. **their** [Edw03]. **theoretical** [HMHGK01]. **theory** [CGG<sup>+</sup>05].

**ThreadMentor** [CMS03]. **Three**

[Kum04a, YYP01]. **tool** [CMS03, GPG06, GPWD03, SM03, Skr01]. **toolkit** [DZ02]. **tools** [SSGS01, YYP01].

**Topics** [BGA<sup>+</sup>01, CHC03]. **training** [GKH07]. **tutor** [Kum05]. **Types** [SH08a].

**UML** [TPQE05]. **Uncovering** [CV08].

**undergraduate** [KQ04, Kum04b, Kum04c].

**understanding** [GDB05]. **university**

[SPS04]. **university-level** [SPS04].

**usability** [CR05]. **Use** [SH08a, SM03]. **user**

[Fag02]. **Using** [HMHGK01, SPS04, WDSW01, Fis01, Imb04, Kum04a].

**values** [CV08]. **versatile**

[BKMY03, BKMY04, GPWD03]. **vision**

[MT07a]. **visual** [CH05, Con02a].

**visualization** [CGG<sup>+</sup>05]. **visualizations**

[SKT08]. **VizClass** [GWHK05]. **Voices**

[BSWH05].

**Web** [ARFILN<sup>+</sup>01, CHC03, JMRE02,

SFS01, SSGS01]. **Web-based**

[SFS01, JMRE02, ARFILN<sup>+</sup>01, SSGS01].

**WebCoM** [SM03]. **well** [Edw03]. **women**

[BSWH05]. **workshop** [WP06]. **World** [YKMB08].

**year** [SH08b]. **years** [Kum04a].

## References

**Anido-Rifon:2001:SSI**

[ARFILN<sup>+</sup>01] L. Anido-Rifón, M. J. Fernández-Iglesias, M. Llamas-Nistal, M. Caeiro-Rodríguez, J. Santos-Gago, and J. S. Rodríguez-Estévez. A component model for standardized Web-based education. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(2es):??, Summer 2001. CODEN ????? ISSN 1531-4278.

**Armoni:2009:RCM**

[Arm09] Michal Armoni. Reduction in CS: a (mostly) quantitative analysis of reductive solutions to algorithmic problems. *ACM Journal on Educational Resources in Computing (JERIC)*, 8(4):11:1–11:??, January 2009. CODEN ????? ISSN 1531-4278.

**Ben-Ari:2001:IED**

[BA01] Mordechai Ben-Ari. Interactive execution of distributed algorithms. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(2es):??, Summer 2001. CODEN ????? ISSN 1531-4278.

**Bair:2005:SIG**

[BC05] Bettina Bair and J. McGrath Cohoon. Special issue on

- gender-balancing computing education. *ACM Journal on Educational Resources in Computing (JERIC)*, 4(1):1, March 2005. CODEN ???? ISSN 1531-4278.
- [BGA<sup>+</sup>01] Osman Balci, William S. Gilley, Robin J. Adams, Emre Tunar, and N. Dwight Barrette. Animations to assist learning some key computer science topics. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(2es):??, Summer 2001. CODEN ???? ISSN 1531-4278.
- [BH05] Peter Brusilovsky and Colin Higgins. Preface to the special issue on automated assessment of programming assignments. *ACM Journal on Educational Resources in Computing (JERIC)*, 5(3):??, September 2005. CODEN ???? ISSN 1531-4278.
- [Bha06] Bhagyavati. Laboratory exercises in online information assurance courses. *ACM Journal on Educational Resources in Computing (JERIC)*, 6(4):4:1–4:??, December 2006. CODEN ???? ISSN 1531-4278.
- [Bis06] Matt Bishop. Teaching context in information security. *ACM Journal on Educational Resources in Computing (JERIC)*, 6(3):3:1–3:??, September 2006. CODEN ???? ISSN 1531-4278.
- [BKMY03] Douglas Blank, Deepak Kumar, Lisa Meeden, and Holly Yanco. Pyro: a Python-based versatile programming environment for teaching robotics. *ACM Journal on Educational Resources in Computing (JERIC)*, 3(4):1–15, December 2003. CODEN ???? ISSN 1531-4278.
- [BKMY04] Douglas Blank, Deepak Kumar, Lisa Meeden, and Holly Yanco. Pyro: a python-based versatile programming environment for teaching robotics. *ACM Journal on Educational Resources in Computing (JERIC)*, 4(3):1–15, September 2004. CODEN ???? ISSN 1531-4278.
- [BMS02] Alyce Brady, R. C. McDowell, and Kelly Schultz. JavaScript programming basics: a laboratory series for beginning programmers. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(2):1, June 2002. CODEN ???? ISSN 1531-4278.
- [BR01a] Grant Braught and David Reed. The knob & switch computer: a computer architecture simulator for introductory

**Balci:2001:AAL**

**Blank:2003:PPB**

**Brusilovsky:2005:PSI**

**Blank:2004:PPB**

**Brady:2002:JPB**

**Bhagyavati:2006:LEO**

**Braught:2001:KSC**

**Bishop:2006:TCI**

computer science. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(4):31–45, December 2001. CODEN ????? ISSN 1531-4278.

**Burger:2001:FST**

[BR01b]

C. Burger and K. Rothermel. A framework to support teaching in distributed systems. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(1es):??, March 2001. CODEN ????? ISSN 1531-4278.

**Brustoloni:2006:LEN**

[Bru06]

José Carlos Brustoloni. Laboratory experiments for network security instruction. *ACM Journal on Educational Resources in Computing (JERIC)*, 6(4):5:1–5:??, December 2006. CODEN ????? ISSN 1531-4278.

**Brusilovsky:2005:IES**

[BS05]

Peter Brusilovsky and Sergey Sosnovsky. Individualized exercises for self-assessment of programming knowledge: An evaluation of QuizPACK. *ACM Journal on Educational Resources in Computing (JERIC)*, 5(3):??, September 2005. CODEN ????? ISSN 1531-4278.

**Berenson:2005:VWS**

[BSWH05]

Sarah B. Berenson, Kelli M. Slaten, Laurie Williams, and Chih-Wei Ho. Voices of women in a software engineering course: reflections on

collaboration. *ACM Journal on Educational Resources in Computing (JERIC)*, 4(1):1–18, March 2005. CODEN ????? ISSN 1531-4278.

**Burch:2002:LGS**

[Bur02]

Carl Burch. Logisim: a graphical system for logic circuit design and simulation. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(1):5–16, March 2002. CODEN ????? ISSN 1531-4278.

**Cassel:2001:EIA**

[CF01]

Lillian N. Cassel and Edward A. Fox. Editorial: introducing the ACM Journal on Resources in Computing. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(1es):??, March 2001. CODEN ????? ISSN 1531-4278.

**Cogliati:2005:RPV**

[CGG<sup>+</sup>05]

Joshua J. Cogliati, Frances W. Goosey, Michael T. Grinder, Bradley A. Pascoe, Rockford J. ROSS, and Cheston J. Williams. Realizing the promise of visualization in the theory of computing. *ACM Journal on Educational Resources in Computing (JERIC)*, 5(2):1–17, June 2005. CODEN ????? ISSN 1531-4278.

**Cigas:2005:TPA**

[CH05]

John Cigas and Wen-Jung Hsin. Teaching proofs and

- algorithms in discrete mathematics with online visual logic puzzles. *ACM Journal on Educational Resources in Computing (JERIC)*, 5(2):1–12, June 2005. CODEN ????? ISSN 1531-4278.
- [CHC03] Michael Chau, Zan Huang, and Hsinchun Chen. Teaching key topics in computer science and information systems through a Web search engine project. *ACM Journal on Educational Resources in Computing (JERIC)*, 3(3):1–14, September 2003. CODEN ????? ISSN 1531-4278.
- [CM07] Wesley Coelho and Gail Murphy. ClassCompass: a software design mentoring system. *ACM Journal on Educational Resources in Computing (JERIC)*, 7(1):2:1–2:??, March 2007. CODEN ????? ISSN 1531-4278.
- [CMS03] Steve Carr, Jean Mayo, and Ching-Kuang Shene. ThreadMentor: a pedagogical tool for multithreaded programming. *ACM Journal on Educational Resources in Computing (JERIC)*, 3(1):1–30, March 2003. CODEN ????? ISSN 1531-4278.
- [Con02a] Richard Conn. Introduction to programming with Visual Basic. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(3):1, September 2002. CODEN ????? ISSN 1531-4278.
- [Con02b] Richard Conn. Software systems requirements. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(4):1, December 2002. CODEN ????? ISSN 1531-4278.
- [Con07] Liberal Arts Computer Science Consortium. A 2007 model curriculum for a liberal arts degree in computer science. *ACM Journal on Educational Resources in Computing (JERIC)*, 7(2):2:1–2:??, June 2007. CODEN ????? ISSN 1531-4278.
- [CR05] John M. Carroll and Mary Beth Rosson. A case library for teaching usability engineering: Design rationale, development, and classroom experience. *ACM Journal on Educational Resources in Computing (JERIC)*, 5(1):1–22, March 2005. CODEN ????? ISSN 1531-4278.
- [CS02] Martin C. Carlisle and Keith Shomper. ROBOT interpreter. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(2):2, June 2002. CODEN ????? ISSN 1531-4278.

**Chau:2003:TKT**

[Con02b]

**Conn:2002:SSR****Coelho:2007:CSD**

[Con07]

**Consortium:2007:MCL****Carroll:2005:CLT**

[CR05]

**Carr:2003:TPT****Carlisle:2002:RI**

[CS02]



2002. CODEN ???? ISSN 1531-4278.
- [CV08] **Chinn:2008:USV** Donald Chinn and Tammy Vandegrift. Uncovering student values for hiring in the software industry. *ACM Journal on Educational Resources in Computing (JERIC)*, 7(4):4:1-4:??, January 2008. CODEN ???? ISSN 1531-4278.
- [DH01] **Decker:2001:PMS** Rick Decker and Stuart Hirshfield. The PIPPIN machine: simulations of language processing. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(4):4-17, December 2001. CODEN ???? ISSN 1531-4278.
- [DLO05] **Douce:2005:ATB** Christopher Douce, David Livingstone, and James Orwell. Automatic test-based assessment of programming: a review. *ACM Journal on Educational Resources in Computing (JERIC)*, 5(3):??, September 2005. CODEN ???? ISSN 1531-4278.
- [DW08] **Du:2008:SSI** Wenliang Du and Ronghua Wang. SEED: a suite of instructional laboratories for computer security education. *ACM Journal on Educational Resources in Computing (JERIC)*, 8(1):3:1-3:??, March 2008. CODEN ???? ISSN 1531-4278.
- [DWJD04] **Diwan:2004:PDS** Amer Diwan, William M. Waite, Michele H. Jackson, and Jacob Dickerson. PL-detective: a system for teaching programming language concepts. *ACM Journal on Educational Resources in Computing (JERIC)*, 4(4):1-22, December 2004. CODEN ???? ISSN 1531-4278.
- [DZ02] **Dugan:2002:SIS** B. Dugan and J. Zahorjan. The Sloop ISA and the SMOK toolkit. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(1):49-71, March 2002. CODEN ???? ISSN 1531-4278.
- [Edw03] **Edwards:2003:ISP** Stephen H. Edwards. Improving student performance by evaluating how well students test their own programs. *ACM Journal on Educational Resources in Computing (JERIC)*, 3(3):1-24, September 2003. CODEN ???? ISSN 1531-4278.
- [Fag02] **Fagin:2002:AMU** Barry Fagin. Ada/Mindstorms 2.0 user's guide and reference manual. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(2):3, June 2002. CODEN ???? ISSN 1531-4278.
- [Fel05] **Feldman:2005:TQO** Yishai A. Feldman. Teaching quality object-oriented pro-

gramming. *ACM Journal on Educational Resources in Computing (JERIC)*, 5(1):1–16, March 2005. CODEN ???? ISSN 1531-4278.

**Fischer:2001:CES**

[Fis01] Stephan Fischer. Course and exercise sequencing using metadata in adaptive hypermedia learning systems. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(1es):??, March 2001. CODEN ???? ISSN 1531-4278.

**Fagin:2002:QAE**

[FM02] Barry S. Fagin and Laurence Merkle. Quantitative analysis of the effects of robots on introductory Computer Science education. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(4):1–17, December 2002. CODEN ???? ISSN 1531-4278.

**Frincke:2006:ERC**

[FOP06a] D. Frincke, S. Oudekirk, and B. Popovsky. Editorial: Resources for the computer security and information assurance curriculum. *ACM Journal on Educational Resources in Computing (JERIC)*, 6(4):1:1–1:??, December 2006. CODEN ???? ISSN 1531-4278.

**Frincke:2006:ESI**

[FOP06b] D. Frincke, S. Oudekirk, and B. Popovsky. Editorial: Special issue on resources for the

computer security and information assurance curriculum: Issue 1. *ACM Journal on Educational Resources in Computing (JERIC)*, 6(3):1:1–1:??, September 2006. CODEN ???? ISSN 1531-4278.

**Garvin-Doxas:2005:CCS**

[GDB05] Kathy Garvin-Doxas and Leticia J. Barker. Communication in computer science classrooms: understanding defensive climates as a means of creating supportive behaviors. *ACM Journal on Educational Resources in Computing (JERIC)*, 4(1):1–18, March 2005. CODEN ???? ISSN 1531-4278.

**Gegg-Harrison:2005:CCM**

[GH05] Timothy S. Gegg-Harrison. Constructing contracts: Making discrete mathematics relevant to beginning programmers. *ACM Journal on Educational Resources in Computing (JERIC)*, 5(2):1–28, June 2005. CODEN ???? ISSN 1531-4278.

**Ginat:2002:EBP**

[Gin02] David Ginat. Effective binary perspectives in algorithmic problem solving. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(2):4, June 2002. CODEN ???? ISSN 1531-4278.

**Greitzer:2007:CSI**

[GKH07] Frank L. Greitzer, Olga Anna Kuchar, and Kristy Huston.

- Cognitive science implications for enhancing training effectiveness in a serious gaming context. *ACM Journal on Educational Resources in Computing (JERIC)*, 7(3):2:1–2:??, November 2007. CODEN ????? ISSN 1531-4278. [Gri02]
- [GPB+06] Sanjay Goel, Damira Pon, Peter Bloniarz, Robert Bangert-Drowns, George Berg, Vince Delio, Laura Iwan, Thomas Hurbaneck, Sandoor P. Schuman, Jagdish Gangolly, Adnan Baykal, and Jon Hobbs. Innovative model for information assurance curriculum: A teaching hospital. *ACM Journal on Educational Resources in Computing (JERIC)*, 6(3):2:1–2:??, September 2006. CODEN ????? ISSN 1531-4278. **Goel:2006:IMI**
- [GPG06] Jesús Adolfo García-Pasquel and José Galaviz. Ganzúa: a cryptanalysis tool for monoalphabetic and polyalphabetic ciphers. *ACM Journal on Educational Resources in Computing (JERIC)*, 6(3):4:1–4:??, September 2006. CODEN ????? ISSN 1531-4278. **Garcia-Pasquel:2006:GCT**
- [GPWD03] Jason Gilder, Michael Peterson, Jason Wright, and Travis Doom. A versatile tool for student projects: an ASM programming language for the Lego mindstorm. *ACM Journal on Educational Resources in Computing (JERIC)*, 3(1):1–14, March 2003. CODEN ????? ISSN 1531-4278. **Griswold:2002:TSE**
- [GS08] William G. Griswold. Teaching software engineering in a compiler project course. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(4):1–18, December 2002. CODEN ????? ISSN 1531-4278. **Griswold:2002:TSE**
- [GS08] Paul Gestwicki and Fu-Shing Sun. Teaching design patterns through computer game development. *ACM Journal on Educational Resources in Computing (JERIC)*, 8(1):2:1–2:??, March 2008. CODEN ????? ISSN 1531-4278. **Gestwicki:2008:TDP**
- [GWHK05] Douglas Grimes, Mark Warschauer, Tara Hutchinson, and Falko Kuester. Computer graphics instruction in VizClass. *ACM Journal on Educational Resources in Computing (JERIC)*, 5(4):3:1–3:??, December 2005. CODEN ????? ISSN 1531-4278. **Grimes:2005:CGI**
- [Han08] Brian Hanks. Problems encountered by novice pair programmers. *ACM Journal on Educational Resources in Computing (JERIC)*, 7(4):2:1–2:??, January 2008. CODEN ????? ISSN 1531-4278. **Hanks:2008:PEN**
- [Gilder:2003:VTS] Jason Gilder, Michael Peterson, Jason Wright, and Travis Doom. A versatile tool for student projects: an ASM programming language for the Lego mindstorm. *ACM Journal on Educational Resources in Computing (JERIC)*, 3(1):1–14, March 2003. CODEN ????? ISSN 1531-4278. **Gilder:2003:VTS**

- [Har06] **Harrison:2006:TPC**  
Warren Harrison. A term project for a course on computer forensics. *ACM Journal on Educational Resources in Computing (JERIC)*, 6(3):6:1–6:??, September 2006. CODEN ???? ISSN 1531-4278.
- [HC02] **Humphries:2002:IC**  
Jeffrey W. Humphries and Martin C. Carlisle. Introduction to Cryptography. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(3):2, September 2002. CODEN ???? ISSN 1531-4278.
- [Hel01] **Heller:2001:GGE**  
R. S. Heller. Greetings from the Guest Editor. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(1es):??, March 2001. CODEN ???? ISSN 1531-4278.
- [Hen07] **Hendry:2007:HPC**  
David G. Hendry. History places: a case study for relational database and information retrieval system design. *ACM Journal on Educational Resources in Computing (JERIC)*, 7(1):3:1–3:??, March 2007. CODEN ???? ISSN 1531-4278.
- [HGST05] **Higgins:2005:AAE**  
Colin A. Higgins, Geoffrey Gray, Pavlos Symeonidis, and Athanasios Tsintsifas. Automated assessment and experiences of teaching programming. *ACM Journal on Educational Resources in Computing (JERIC)*, 5(3):??, September 2005. CODEN ???? ISSN 1531-4278.
- [HKS01] **Hampel:2001:SSI**  
Thorsten Hampel and Reinhard Keil-Slawik. sTeam: structuring information in team-distributed knowledge management in cooperative learning environments. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(2es):??, Summer 2001. CODEN ???? ISSN 1531-4278.
- [HMHGK01] **Heller:2001:UTM**  
Rachelle S. Heller, C. Dianne Martin, Nuzi Haneef, and Sonja Gievska-Krliu. Using a theoretical multimedia taxonomy framework. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(1es):??, March 2001. CODEN ???? ISSN 1531-4278.
- [Hog02] **Hoganson:2002:HPC**  
Kenneth E. Hoganson. High-performance computer architecture and algorithm simulator. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(1):131–148, March 2002. CODEN ???? ISSN 1531-4278.
- [Hol03] **Holliday:2003:ACN**  
Mark A. Holliday. Animation of computer networking concepts. *ACM Journal on Edu-*

- computational Resources in Computing (JERIC)*, 3(2):1–26, June 2003. CODEN ????? ISSN 1531-4278.
- [HR05] Valerie J. Harvey and Susan H. Rodger. Editorial for the special issue on software support for teaching discrete mathematics. *ACM Journal on Educational Resources in Computing (JERIC)*, 5(2):1–16, June 2005. CODEN ????? ISSN 1531-4278.
- [Imb04] Susan P. Imberman. An intelligent agent approach for teaching neural networks using LEGO(R) handy board robots. *ACM Journal on Educational Resources in Computing (JERIC)*, 4(3):1–12, September 2004. CODEN ????? ISSN 1531-4278.
- [JGB05] Mike Joy, Nathan Griffiths, and Russell Boyatt. The boss online submission and assessment system. *ACM Journal on Educational Resources in Computing (JERIC)*, 5(3):??, September 2005. CODEN ????? ISSN 1531-4278.
- [JMRE02] Mike Joy, Boris Muzykantskii, Simon Rawles, and Michael Evans. An infrastructure for Web-based computer-assisted learning. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(4):1–19, December 2002. CODEN ????? ISSN 1531-4278.
- [JS09] Ambikesh Jayal and Martin Shepperd. The problem of labels in E-assessment of diagrams. *ACM Journal on Educational Resources in Computing (JERIC)*, 8(4):12:1–12:??, January 2009. CODEN ????? ISSN 1531-4278.
- [KPT06] Boris Koldehofe, Marina Papatiantafilou, and Philippas Tsigas. LYDIAN: An extensible educational animation environment for distributed algorithms. *ACM Journal on Educational Resources in Computing (JERIC)*, 6(2):1:1–1:??, June 2006. CODEN ????? ISSN 1531-4278.
- [KQ04] Christopher Kitts and Neil Quinn. An interdisciplinary field robotics program for undergraduate computer science and engineering education. *ACM Journal on Educational Resources in Computing (JERIC)*, 4(2):3, June 2004. CODEN ????? ISSN 1531-4278.
- [KR05] Paul A. Kuban and Rammohan K. Ragade. The CAN microcluster: Parallel processing over the controller area network. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(4):1–19, December 2002. CODEN ????? ISSN 1531-4278.

**Harvey:2005:ESI****Jayal:2009:PLA****Imberman:2004:IAA****Koldehofe:2006:LEE****Joy:2005:BOS****Kitts:2004:IFR****Joy:2002:IWB****Kuban:2005:CMP**

- ing (JERIC)*, 5(1):1–12, March 2005. CODEN ???? ISSN 1531-4278.
- [Kum04a] Amruth N. Kumar. Three years of using robots in an artificial intelligence course: lessons learned. *ACM Journal on Educational Resources in Computing (JERIC)*, 4(3):1–15, September 2004. CODEN ???? ISSN 1531-4278.
- [Kum04b] Deepak Kumar. Introduction to special issue on robotics in undergraduate education. *ACM Journal on Educational Resources in Computing (JERIC)*, 4(2):1, June 2004. CODEN ???? ISSN 1531-4278.
- [Kum04c] Deepak Kumar. Introduction to special issue on robotics in undergraduate education. *ACM Journal on Educational Resources in Computing (JERIC)*, 4(3):1, September 2004. CODEN ???? ISSN 1531-4278.
- [Kum05] Amruth N. Kumar. Generation of problems, answers, grade, and feedback—case study of a fully automated tutor. *ACM Journal on Educational Resources in Computing (JERIC)*, 5(3):??, September 2005. CODEN ???? ISSN 1531-4278.
- [LB05] Cynthia Y. Lester and Marcus Brown. Creating gender parity: an instruction aide’s influence. *ACM Journal on Educational Resources in Computing (JERIC)*, 4(1):1–14, March 2005. CODEN ???? ISSN 1531-4278.
- [Lei01] Torsten Leidig. L3—towards an open learning environment. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(1es):??, March 2001. CODEN ???? ISSN 1531-4278.
- [LK06] Brett J. L. Landry and M. Scott Koger. Dispelling 10 common disaster recovery myths: Lessons learned from Hurricane Katrina and other disasters. *ACM Journal on Educational Resources in Computing (JERIC)*, 6(4):6:1–6:??, December 2006. CODEN ???? ISSN 1531-4278.
- [MAWW<sup>+</sup>01] R. Maly, H. Abdel-Wahab, C. Wild, C. M. Overstreet, A. Gupta, A. Abdel-Hamid, S. Ghanem, A. Gonzalez, and X. Zhu. IRI-h, a Java-based distance education system: architecture and performance. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(1es):??, March

2001. CODEN ???? ISSN 1531-4278.
- [McK05] Peter McKenna. Gender and black boxes in the programming curriculum. *ACM Journal on Educational Resources in Computing (JERIC)*, 4(1): 1–12, March 2005. CODEN ???? ISSN 1531-4278.
- [MCSF06] Byron B. Marshall, Hsinchun Chen, Rao Shen, and Edward A. Fox. Moving digital libraries into the student learning space: The GetSmart experience. *ACM Journal on Educational Resources in Computing (JERIC)*, 6(1):2:1–2:??, March 2006. CODEN ???? ISSN 1531-4278.
- [MKKN05] Lauri Malmi, Ville Karavirta, Ari Korhonen, and Jussi Nikander. Experiences on automatically assessed algorithm simulation exercises with different resubmission policies. *ACM Journal on Educational Resources in Computing (JERIC)*, 5(3):??, September 2005. CODEN ???? ISSN 1531-4278.
- [MRL02] J. C. Moure, Dolores I. Rexachs, and Emilio Luque. The KScalar simulator. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(1): 73–116, March 2002. CODEN ???? ISSN 1531-4278.
- [MS01] Filippo Menczer and Alberto Maria Segre. OAMulator: a teaching resource to introduce computer architecture concepts. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(4):18–30, December 2001. CODEN ???? ISSN 1531-4278.
- [MT07a] Robert McCartney and Josh Tenenberg. From the editors: a new vision for JERIC. *ACM Journal on Educational Resources in Computing (JERIC)*, 7(1):1:1–1:??, March 2007. CODEN ???? ISSN 1531-4278.
- [MT07b] Robert McCartney and Josh Tenenberg. Why evidence? *ACM Journal on Educational Resources in Computing (JERIC)*, 7(3):1:1–1:??, November 2007. CODEN ???? ISSN 1531-4278.
- [MT08a] Robert McCartney and Josh Tenenberg. From conference to journal. *ACM Journal on Educational Resources in Computing (JERIC)*, 8(1):1:1–1:??, March 2008. CODEN ???? ISSN 1531-4278.
- [MT08b] Robert McCartney and Josh Tenenberg. Making it real.

**McKenna:2005:GGB****Menczer:2001:OTR****Marshall:2006:MDL****McCartney:2007:ENV****Malmi:2005:EAA****McCartney:2007:WE****Moure:2002:KS****McCartney:2008:CJ****McCartney:2008:MIR**

- ACM Journal on Educational Resources in Computing (JERIC)*, 8(3):7:1–7:??, October 2008. CODEN ???? ISSN 1531-4278.
- [NL03] Linda Null and Julia Lobur. MarieSim: The MARIE computer simulator. *ACM Journal on Educational Resources in Computing (JERIC)*, 3(2): 1–29, June 2003. CODEN ???? ISSN 1531-4278.
- [Nut06] Gary Nutt. Addressing small computers in the first OS course. *ACM Journal on Educational Resources in Computing (JERIC)*, 6(2):2:1–2:??, June 2006. CODEN ???? ISSN 1531-4278.
- [Os01] Hugh Osborne. The Postroom Computer. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(4):81–110, December 2001. CODEN ???? ISSN 1531-4278.
- [RH06] Timothy Rosenberg and Lance J. Hoffman. Taking the network on the road: Portable network solutions for computer security educators. *ACM Journal on Educational Resources in Computing (JERIC)*, 6(4):2:1–2:??, December 2006. CODEN ???? ISSN 1531-4278.
- [RMB02] Thomas Röblitz, Frank Mueller, and Oliver Bühn. LegoSim: simulation of embedded kernels over Pthreads. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(1): 117–130, March 2002. CODEN ???? ISSN 1531-4278.
- [Roy06] Geoffrey G. Roy. Designing and explaining programs with a literate pseudocode. *ACM Journal on Educational Resources in Computing (JERIC)*, 6(1):1:1–1:??, March 2006. CODEN ???? ISSN 1531-4278.
- [SFS01] Abdulmotaleb El Saddik, Stephan Fischer, and Ralf Steinmetz. Reusability and adaptability of interactive resources in Web-based educational systems. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(1es): ??, March 2001. CODEN ???? ISSN 1531-4278.
- [Sak08] Victoria Sakhnini and Orit Hazzan. Reducing abstraction in high school computer science education: The case of definition, implementation, and use of abstract data types. *ACM Journal on Educational Resources in Computing (JERIC)*, 8(2):5:1–5:??,



- June 2008. CODEN ???? ISSN 1531-4278.
- [SH08b] Beth Simon and Brian Hanks. First-year students' impressions of pair programming in CS1. *ACM Journal on Educational Resources in Computing (JERIC)*, 7(4):5:1-5:??, January 2008. CODEN ???? ISSN 1531-4278.
- [She02] Brian J. Shelburne. A PDP-8 emulator program. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(1):17-47, March 2002. CODEN ???? ISSN 1531-4278.
- [Shu06] Rose Shumba. Teaching hands-on Linux host computer security. *ACM Journal on Educational Resources in Computing (JERIC)*, 6(3):5:1-5:??, September 2006. CODEN ???? ISSN 1531-4278.
- [Skr01] Dale Skrien. CPU Sim 3.1: a tool for simulating computer architectures for computer organization classes. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(4):46-59, December 2001. CODEN ???? ISSN 1531-4278. URL <http://www.cs.colby.edu/djskrien/CPUSim>.
- [SKT08] Jorma Sajaniemi, Marja Kuitinen, and Taina Tikansalo. A study of the development of students' visualizations of program state during an elementary object-oriented programming course. *ACM Journal on Educational Resources in Computing (JERIC)*, 7(4):3:1-3:??, January 2008. CODEN ???? ISSN 1531-4278.
- [SM03] Elaine Silva and Dilvan Moriera. WebCoM: a tool to use peer review to improve student interaction. *ACM Journal on Educational Resources in Computing (JERIC)*, 3(1):1-14, March 2003. CODEN ???? ISSN 1531-4278.
- [SPS04] Elizabeth Sklar, Simon Parsons, and Peter Stone. Using RoboCup in university-level computer science education. *ACM Journal on Educational Resources in Computing (JERIC)*, 4(2):4, June 2004. CODEN ???? ISSN 1531-4278.
- [SSC01] Yi Shang, Hongchi Shi, and Su-Shing Chen. An intelligent distributed environment for active learning. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(2es):??, Summer 2001. CODEN ???? ISSN 1531-4278.

**Simon:2008:FYS****Sajaniemi:2008:SDS****Shelburne:2002:PEP****Silva:2003:WTU****Shumba:2006:THL****Sklar:2004:URU****Skrien:2001:CST****Shang:2001:IDE**

- [SSGS01] **Shirmohammadi:2001:WBM** Shervin Shirmohammadi, Abdulmotaleb El Saddik, Nicolas D. Georganas, and Ralf Steinmetz. Web-based multimedia tools for sharing educational resources. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(1es):??, March 2001. CODEN ???? ISSN 1531-4278.
- [SSN05] Leen-Kiat Soh, Ashok Samal, and Gwen Nugent. A framework for CS1 closed laboratories. *ACM Journal on Educational Resources in Computing (JERIC)*, 5(4):2:1–2:??, December 2005. CODEN ???? ISSN 1531-4278.
- [Sut05] **Sutner:2005:CTD** Klaus Sutner. CDM: Teaching discrete mathematics to computer science majors. *ACM Journal on Educational Resources in Computing (JERIC)*, 5(2):1–11, June 2005. CODEN ???? ISSN 1531-4278.
- [TDLG08] **Tew:2008:CSL** Allison Elliott Tew, Brian Dorn, William D. Leahy, Jr., and Mark Guzdial. Context as support for learning computer organization. *ACM Journal on Educational Resources in Computing (JERIC)*, 8(3):8:1–8:??, October 2008. CODEN ???? ISSN 1531-4278.
- [TG06] **Teo:2006:KDM** Chao Boon Teo and Robert Kheng Leng Gay. A knowledge-driven model to personalize e-learning. *ACM Journal on Educational Resources in Computing (JERIC)*, 6(1):3:1–3:??, March 2006. CODEN ???? ISSN 1531-4278.
- [The01] **JTFCC:2001:CC** The Joint Task Force on Computing Curricula. Computing curricula 2001. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(3es):??, Fall 2001. CODEN ???? ISSN 1531-4278.
- [TM07] **Tenenberg:2007:CSL** Josh Tenenberg and Robert McCartney. Computer science in a liberal arts context. *ACM Journal on Educational Resources in Computing (JERIC)*, 7(2):1:1–1:??, June 2007. CODEN ???? ISSN 1531-4278.
- [TM08a] **Tenenberg:2008:GST** Josh Tenenberg and Robert McCartney. Grounding the scholarship of teaching and learning in practice. *ACM Journal on Educational Resources in Computing (JERIC)*, 8(2):4:1–4:??, June 2008. CODEN ???? ISSN 1531-4278.
- [TM08b] **Tenenberg:2008:LQE** Josh Tenenberg and Robert McCartney. Linking questions and evidence. *ACM Journal*

- on *Educational Resources in Computing (JERIC)*, 7(4):1:1–1:??, January 2008. CODEN ???? ISSN 1531-4278.
- [TM09] Josh Tenenberg and Robert McCartney. Answering part of the significant question. *ACM Journal on Educational Resources in Computing (JERIC)*, 8(4):10:1–10:??, January 2009. CODEN ???? ISSN 1531-4278.
- [TPQE05] Scott A. Turner, Manuel A. Pérez-Quiñones, and Stephen H. Edwards. minimUML: a minimalist approach to UML diagramming for early computer science education. *ACM Journal on Educational Resources in Computing (JERIC)*, 5(4):1:1–1:??, December 2005. CODEN ???? ISSN 1531-4278.
- [VA04] Igor M. Verner and David J. Ahlgren. Robot contest as a laboratory for experiential engineering education. *ACM Journal on Educational Resources in Computing (JERIC)*, 4(2):2, June 2004. CODEN ???? ISSN 1531-4278.
- [WDSW01] Gabriel A. Wainer, Sergio Daicz, Luis F. De Simoni, and Demian Wassermann. Using the Alfa-1 simulated processor for educational purposes. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(4):111–151, December 2001. CODEN ???? ISSN 1531-4278.
- [WHM05] Linda L. Werner, Brian Hanks, and Charlie McDowell. Pair-programming helps female computer science students. *ACM Journal on Educational Resources in Computing (JERIC)*, 4(1):1–8, March 2005. CODEN ???? ISSN 1531-4278.
- [WJ04] Daniel R. White and Mike S. Joy. Sentence-based natural language plagiarism detection. *ACM Journal on Educational Resources in Computing (JERIC)*, 4(4):1–20, December 2004. CODEN ???? ISSN 1531-4278.
- [WP06] Paul J. Wagner and Andrew T. Phillips. A portable computer security workshop. *ACM Journal on Educational Resources in Computing (JERIC)*, 6(4):3:1–3:??, December 2006. CODEN ???? ISSN 1531-4278.
- [YG08] Svetlana Yarosh and Mark Guzdial. Narrating data structures: The role of context in CS2. *ACM Journal on Educational Resources in Computing (JERIC)*, 7(4):6:1–6:??, January 2008. CODEN ???? ISSN 1531-4278.

**Tenenberg:2009:APS**

**Werner:2005:PPH**

**Turner:2005:MMA**

**White:2004:SBN**

**Verner:2004:RCL**

**Wagner:2006:PCS**

**Wainer:2001:UAS**

**Yarosh:2008:NDS**

**Yardi:2008:HAC**

- [YKMB08] Sarita Yardi, Pamela Krolikowski, Taneshia Marshall, and Amy Bruckman. An HCI approach to computing in the real world. *ACM Journal on Educational Resources in Computing (JERIC)*, 8(3):9:1–9:??, October 2008. CODEN ????? ISSN 1531-4278.

**Yurcik:2001:E**

- [Yur01] William Yurcik. Editorial. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(4):1–3, December 2001. CODEN ????? ISSN 1531-4278.

**Yurcik:2002:SIS**

- [Yur02] William (Bill) Yurcik. Special issue on *specialized* computer architecture simulators that see the present and may hold the future. *ACM Journal on Educational Resources in Computing (JERIC)*, 2(1):1–3, March 2002. CODEN ????? ISSN 1531-4278.

**Yehezkel:2001:TST**

- [YYPA01] Cecile Yehezkel, William Yurcik, Murray Pearson, and Dean Armstrong. Three simulator tools for teaching computer architecture: Little Man computer, and RTL-Sim. *ACM Journal on Educational Resources in Computing (JERIC)*, 1(4):60–80, December 2001. CODEN ????? ISSN 1531-4278.

**Zendler:2008:EFC**

- [ZS08] Andreas Zendler and Christian Spannagel. Empirical foundation of central concepts for computer science education. *ACM Journal on Educational Resources in Computing (JERIC)*, 8(2):6:1–6:??, June 2008. CODEN ????? ISSN 1531-4278.