A Complete Bibliography of Publications in
Communications of the ACM: 2010–2019

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References


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Wright:2010:NTT


Underwood:2010:NID


Staff:2010:NAF


Sasse:2010:PSS


Groth:2010:EWI


Maughan:2010:IRN


[69] Vijay K. Gurbani, Anita Garvert, and James D. Herbsleb. Managing a


[80] Tim Chang. Economic and business dimensions: Gaming will save us all. Communications of the ACM,

Samuelson:2010:LSO


Hollander:2010:CEE


Denning:2010:PIO


Tapia:2010:BPH


Wilson:2010:IPM


OHara:2010:PPD


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WING:2010:BNF


ROMAN:2010:COL


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ANTHES:2010:NHB


CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

Sellen:2010:BTC


Lewis:2010:SFA


Albers:2010:EEA


Bartlett:2010:LAU


Ganchev:2010:CED


Harman:2010:APT


Weimer:2010:APR


Winkler:2010:LBPe


Tallon:2010:UDI


Reich:2010:REI

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REFERENCES

CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).


REFERENCES

CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

Winkler:2010:LBPd


Brin:2010:LBF


Sun:2010:BCS


deCesare:2010:EPA


Nill:2010:FIS


Kietzmann:2010:PR


Baudry:2010:BSM


Gallagher:2010:RVS


Vannooy:2010:SIM


Rhee:2010:MM

REFERENCES

CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).


[212] Ruben Ortega, Mark Guzdial, and Daniel Reed. BLOG@CACM: Software development and crunch time; and more. Communications of the ACM, 53(7):10–11, July 2010. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).


REFERENCES


Boehm:2010:SFX


Sewell:2010:XTR


Irwin:2010:TSR


Lee:2010:PCM


Hoffmann:2010:LBQc


Yao:2010:ASP


Romero:2010:EDP


Chang:2010:CEE


Nov:2010:WDP


Talia:2010:HDD

REFERENCES

July 2010. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).


[263] Jan Damsgaard and Jan Karlsbjerg. Seven principles for selecting software packages. *Communications of


REFERENCES


REFERENCES


Stonebraker:2010:BSDb


Roman:2010:COMb


Wright:2010:NLL


Stemp-Morlock:2010:NPF


McCafferty:2010:NSC


Campbell-Kelly:2010:VDP


Cusumano:2010:PSU


Parnas:2010:IRR


Neville-Neil:2010:KVV


Hicks:2010:VSA


Study:2010:PSK


Millsap:2010:TCAAb

2010. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

Montagne:2010:TAC


Serre:2010:NAC


Tambe:2010:HOA


Rodrigues:2010:PPS


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Rosenberger:2011:SCA


Roman:2011:SPM


Anthes:2011:NSM


Wright:2011:TSH


Krakovsk:2011:IEE

[392] Marina Krakovsky. India’s elephantine effort. Communications of the ACM,
Rosenberger:2011:EPO


Armour:2011:DBM


Bechtold:2011:GAE


Cusumano:2011:RTD


Ryan:2011:CCP


Steele:2011:IFA


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ISSN 0001-0782 (print), 1557-7317 (electronic).


Ledin:2011:GHT


Neville-Neil:2011:FT


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0001-0782 (print), 1557-7317 (electronic).


Burgess:2011:TSA

Stapleton-Gray:2011:NID

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Shavit:2011:DSM

Bello:2011:CVM

Raphael:2011:IP

Rexford:2011:VTP

Greenberg:2011:VSF

Winkler:2011:LBPb
REFERENCES

CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).


CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).


REFERENCES


[491] Maneesh Agrawala, Wilmot Li, and Floraine Berthouzoz. Design principles
REFERENCES


REFERENCES


REFERENCES

Afanasyev:2011:PPN


Cook:2011:PPT


Parkes:2011:CFP


Arora:2011:CCI


Sapiro:2011:IEL


Buades:2011:SSB


Winkler:2011:LBPC


Dhar:2011:CBM


Schryen:2011:OSS


Wainer:2011:IWS


[537] Daniel Reed, Mark Guzdial, and Judy Robertson. Simple design; research vs. teaching; and quest to learn. *Communications of the ACM*, 54(6):8–9, June 2011. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).


REFERENCES

2011. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).


Franceschet:2011:PSS


Kolaitis:2011:QLP


Grohe:2011:PTQ


Franklin:2011:DAA


Melnik:2011:DIA


Winkler:2011:LBPd


Hoffmann:2011:LBQb


Boldi:2011:VDS


Mcmanus:2011:WPC


Vardi:2011:SU

References

Sta:2011:PRY

Sta:2011:VEf

Wing:2011:RPR

Delman:2011:AAP

Kroeker:2011:WWI

Wright:2011:AA

McCaffery:2011:BNS

Staff:2011:AAR

Sako:2011:DPG

Knobel:2011:VD

Samuelson:2011:TMC

Ong:2011:SWC
REFERENCES


[588] John Ousterhout. Is scale your enemy, or is scale your friend?: technical perspective. Communications of the
Kinshumann:2011:DVL

Rucker:2011:FT

Ousterhout:2011:CR

Dasgupta:2011:WMP

Reisman:2011:PIC

Staff:2011:PDV

Staff:2011:VEg

Stonebraker:2011:SNE

Delman:2011:WYS

Kroeker:2011:NBA
REFERENCES

2011. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

Geller:2011:SET


Greengard:2011:LT


Cummings:2011:GAW


Disalvo:2011:IV


Bellovin:2011:PSS


Neville-Neil:2011:SS


Halpern:2011:JCC


Allman:2011:RPR


Singh:2011:CP


Eini:2011:PIL


Modha:2011:CC

[609] Dharmendra S. Modha, Rajagopal Ananthanarayanan, Steven K. Esser, Anthony Ndirango, Anthony J. Sherbondy, and Raghavendra Singh. Cog-


[631] Peter J. Denning and Ritu Raj. Managing time, part 2. *Communications
REFERENCES


REFERENCES

September 2011. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).


Daniel Reed and Mark Guzdial. From idea to product: how schools of education can help CS. *Communications of the ACM*, 54(10):8–9, October 2011. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

REFERENCES

Kroeker:2011:IBC

Geller:2011:SE

Greengard:2011:LDW

Krakovsky:2011:S

Cusumano:2011:PLD

Neville-Neil:2011:FSL

Schurmann:2011:MDD

Armour:2011:TFS

Wallach:2011:RCP

Nikhil:2011:AHS

Meijer:2011:WAL

Andersen:2011:VSC
REFERENCES

CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).


ISSN 0001-0782 (print), 1557-7317 (electronic).

Gayo-Avello:2011:DTS

Xu:2011:CM

Vardi:2011:MP

Sta:2011:JJ

Staff:2011:VEj

Meyer:2011:SOR

Delman:2011:AON

Kroeker:2011:MCS

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REFERENCES

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Hearst:2011:NSU

Seo:2011:MAA

Kennedy:2011:RFH
REFERENCES


REFERENCES


REFERENCES

0001-0782 (print), 1557-7317 (electronic).


[737] Mark Guzdial and Bertrand Meyer. Understanding CS1 students; defective software. Communications of the ACM,
REFERENCES


Delman:2012:EWA


Savage:2012:BMT


Anthes:2012:RSP


Greengard:2012:LD


Underwood:2012:CT


Wright:2012:AAP


Hyman:2012:JM


Picker:2012:YYC


Armour:2012:DE


Haigh:2012:IPB


Olsen:2012:IOU

REFERENCES


REFERENCES


REFERENCES


C ACM Staff. From syntax to semantics for AI. *Communications of the
REFERENCES


Meyer:2012:KB


Savage:2012:GWC


Anthes:2012:CM


Greengard:2012:PF


Hyman:2012:SSG


Rosenberger:2012:CSA


Lin:2012:WCE


Samuelson:2012:LSD


Denning:2012:VPI


Kostakos:2012:VTU


Malizia:2012:VAN
REFERENCES


REFERENCES

Gelly:2012:GCC

Winkler:2012:LBPb

Hoffmann:2012:QCS

Liu:2012:ACC

Staff:2012:BS

Reed:2012:PCD

Goth:2012:PDD

Geller:2012:TM

Hoffmann:2012:OB

Cusumano:2012:CSP

Heeks:2012:ITG
REFERENCES

Neville-Neil:2012:NPB


Ross:2012:IGC


Tekir:2012:RCC


Soper:2012:HMT


Beckman:2012:WLM


Heer:2012:IDV


Danowitz:2012:CDR


Schmettow:2012:SSU


Williams:2012:WAT


Blei:2012:PTM


Ramchurn:2012:PSS


Soper:2012:GA


Atias:2012:CAP


Gropp:2012:BAB


Lashuk:2012:MPA


Hand:2012:ED


Aviram:2012:ESE


Winkler:2012:LBPC


Spafford:2012:UUL


Sta:2012:HPC


Hong:2012:PAD


Delman:2012:DTB

REFERENCES


REFERENCES

Crandall:2012:MPP

Pulli:2012:RTC

Doer:2012:WRS

Parno:2012:TEC

Carey:2012:DS

ISSN 0001-0782 (print), 1557-7317 (electronic).

Mulmuley:2012:GPT

Parrilo:2012:RUB

Candes:2012:EMC

Lee:2012:FHT

Rompf:2012:LMS
REFERENCES

Winkler:2012:LBPd

Hoffmann:2012:LBQ

Vardi:2012:PSP

Staff:2012:INC

Guzdial:2012:CPC

Goth:2012:DS

Anthes:2012:HLW

Krakovsky:2012:PI

Hyman:2012:LF

Sako:2012:BMS

Samuelson:2012:COP

Watson:2012:ISE
Campbell-Kelly:2012:ATO

Spector:2012:GHA

Spiekermann:2012:CPD

Nichols:2012:CQD

Kamp:2012:MCD

Bouwers:2012:GWY

Abello:2012:CF

Sommerville:2012:LSC

Martin:2012:WCC

Harel:2012:BP

Patterson:2012:BWB
REFERENCES


Wicker:2012:LLP


DeSutter:2012:CCS


VanDerAalst:2012:PM


Aaronson:2012:QM


Rinard:2012:EDP


Gulwani:2012:SDM


Zeller:2012:PPC


Chaudhuri:2012:CRP


Winkler:2012:LBPe


Vardi:2012:WAb

Staff:2012:OPD


Meyer:2012:IRV


Goth:2012:ALC


Anthes:2012:CGU


Kraakovsky:2012:GI


Hyman:2012:HAT


Haigh:2012:SLB


Denning:2012:DFB


Zarsky:2012:APP


Ladner:2012:NBI


Marcos:2012:AOW

Papadimitriou:2012:APA


Chisnall:2012:NOC


Berger:2012:SNS


Meijer:2012:AYD


Garrison:2012:SFD


Calinescu:2012:SAS


Bowman:2012:QNU


Buxton:2012:IIC


Zhai:2012:WGK


Suciu:2012:SED


[977] Peter G. Neumann. The foresight saga, redux. *Communications of the ACM*,

Neville-Neil:2012:NPC


Blanchette:2012:CII


Sutherland:2012:TC


Ratzel:2012:THP


Allspaw:2012:FIP


Kamp:2012:GLB


Kearns:2012:ESC


Simons:2012:IVU


Domingos:2012:FUT


Servedio:2012:HDS


Kindler:2012:SCO


Hendrickson:2012:GEL


Koutis:2012:FSC


Landis:2012:LBF


Vardi:2012:WMD


Cerf:2012:WAH


Stonebraker:2012:NON


Rous:2012:MUA


Goth:2012:SM


Geller:2012:CC


Greengard:2012:DT

REFERENCES


[1010] Joerg Kurt Wegner, Aaron Sterling, Rajarshi Guha, Andreas Bender, Jean-


REFERENCES

Erbad:2012:SSB

Cornwell:2012:ASS

Thomas:2012:SW

French:2012:MBT

Doty:2012:TAS

Smaragdakis:2012:HLD

Hawkins:2012:IDR

Jadbabaie:2012:NAN

Chazelle:2012:NAI

Winkler:2012:LBPh

Hoffmann:2012:QGI
REFERENCES

Vardi:2013:WBC

Mone:2013:NBH

Cerf:2013:PWR

Krakovsky:2013:NJF

Staff:2013:LEC

Cusumano:2013:TSM

Chesnais:2013:AAR

Armour:2013:BSH

Reed:2013:BLT

Desai:2013:LTB

Savage:2013:NSL

Haigh:2013:HRF
[1053] Thomas Haigh. Historical reflections: Five lessons from really good his-


[1063] Niloy J. Mitra, Yong-Liang Yang, Dong-Ming Yan, Wilmot Li, and Ma-

Rehg:2013:FPD


Shotton:2013:RTH


Rucker:2013:LBF


Boisvert:2013:PAO


Cerf:2013:GAF


Meyer:2013:WRD


Savage:2013:LS


Wright:2013:RR


Greengard:2013:NMH


Moglen:2013:TWW

Neumann:2013:IRM


Neville-Neil:2013:KVD


Cooper:2013:ERS


Aizcorbe:2013:VMD


Sunyaev:2013:CSC


Jones:2013:EGP


Cheswick:2013:RP


Gregg:2013:TMA


Watson:2013:DAC


Juels:2013:NAS


Dean:2013:TS


Thorup:2013:FSR


Kumar:2013:HMI


Beckman:2013:STD


Matsudaira:2013:MMW


Olson:2013:EMA

REFERENCES


REFERENCES

56(4):12–13, April 2013. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

Subbaraman:2013:AC


Anthes:2013:IDB


Hoffmann:2013:LBB


Cusumano:2013:CFT


Best:2013:PNW


Neville-Neil:2013:CA


Kshetri:2013:CVC


Rosenberger:2013:PHF


Zakas:2013:EWD


Meenan:2013:HFY


Bacon:2013:FPM

REFERENCES


REFERENCES

CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).


Jacob:2013:CRS


Kemerer:2013:STW


Junglas:2013:PCT


Pharr:2013:RTE


Parker:2013:GRT


Winkler:2013:LBpC


Altman:2013:SFG


Cerf:2013:PHO


Staff:2013:LEH

[1159] CACM Staff. Letters to the Editor: How to claim your fair share in academic publishing. *Communications of the ACM*, 56(6):8–9, June 2013. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

Hong:2013:CSN

Anthes:2013:DLC


Mone:2013:FFD


Hyman:2013:ARG


Savage:2013:PP


Staff:2013:AHC


Filshtinskiy:2013:PSC


Armour:2013:BSW


Neville-Neil:2013:KVS


Denning:2013:PIT


Leveson:2013:IRL


Wicker:2013:VAI

Geer:2013:RIN

Hsu:2013:RTG

Cavage:2013:TNG

Seekic:2013:IRS

Adam:2013:CAC

Agarwal:2013:CRW

Chang:2013:CPC

Kim:2013:SAP

Winkler:2013:LBPd

Hoffmann:2013:QCC
REFERENCES


[1183] Vinton G. Cerf. From the President: ‘But officer, I was only programming at 100 lines per hour!’. *Communications of the ACM*, 56(7):7, July 2013. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).


REFERENCES


REFERENCES


Porter:2013:SIP

Richet:2013:OCF

Tseitlin:2013:AO

Nicolaou:2013:BPM

Everts:2013:RMP

Lauritsen:2013:WFC

Wainer:2013:HPI

Bongard:2013:ER

Naor:2013:EGE

Batson:2013:SSG

Winkler:2013:LBPe
REFERENCES

Vardi:2013:ICR

Shein:2013:ED

Cerf:2013:FSC

DiDio:2013:RDE

Staff:2013:PSU
[1227] CACM Staff. For privacy and security, use public keys everywhere. Communications of the ACM, 56(9):8–9, September 2013. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

Grimmelmann:2013:WDA

Stonebraker:2013:BDB

Haigh:2013:SSP

Edwards:2013:MDE

Denning:2013:OSL

Kirkpatrick:2013:SDN

Obrenovic:2013:RPC
[1236] Zeljko Obrenović. Research and practice: the curious case of ‘small’


REFERENCES

Fu:2013:CCR


Ackley:2013:BE


Loveless:2013:BG


Loveless:2013:OAH


Strowes:2013:PMT


Bex:2013:IAW


Hoonlor:2013:TCS


VanMeter:2013:BBQ


Alur:2013:CWV


Althoff:2013:FVP


[1296] Mark Guzdial and Valerie Barr. blog@CACM: The lure of live coding; the attraction of small data. *Communications of the ACM*, 56(12):10–11, December 2013. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).


[1299] Karen A. Frenkel. News: CS enrollments rise... at the expense of the
REFERENCES


[1314] David F. Bacon, Perry Cheng, and Sunil Shukla. And then there were none: a stall-free real-time garbage collector for reconfigurable hardware. *Communications of the ACM*, 56(12):101–109, December 2013. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).


REFERENCES


[1332] Jason Lango. Toward software-defined SLAs. Communications of the ACM,


REFERENCES


[1353] Marco Ceccagnoli, Chris Forman, Peng Huang, and D. J. Wu. Digital platforms: when is participation valu-
REFERENCES


REFERENCES

Ladner:2014:BPI

Patterson:2014:VHB

Golab:2014:ECW

Sproull:2014:APC

Kleen:2014:SEL

Yang:2014:MPP

Alvarado:2014:UTC

Kim:2014:BDA

Zielinska:2014:TS

Wallach:2014:SST


REFERENCES

ISSN 0001-0782 (print), 1557-7317 (electronic).

Best:2014:TOC


Neville-Neil:2014:KVF


Estrin:2014:SDW


Vishkin:2014:MHG


Vixie:2014:RLS


Jacobson:2014:MLS


Paasch:2014:MT


Seaton:2014:WDW


Avigad:2014:FVM


Odersky:2014:UFO


Roesner:2014:SPA

[1406] Franziska Roesner, Tadayoshi Kohno, and David Molnar. Security and privacy for augmented reality systems. Communications of the ACM,


REFERENCES

CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

VanAlstyne:2014:WBV

Depoorter:2014:WHV

Anderson:2014:TKT

Cooper:2014:BVC

Bajcsy:2014:RC

Toxen:2014:NSS

Carata:2014:PP

Lloyd:2014:DSE

Nanavati:2014:CSG

Pass:2014:RSV

Liu:2014:CSA
[1428] Manlu Liu, Sean Hansen, and Qiang Tu. The community source approach to software development and the Kuali experience. Communications of the

Leyton-Brown:2014:UEH


Juels:2014:INC


Bojnov:2014:NMC


Winkler:2014:LBPa


Sahami:2014:CSC


Cerf:2014:LPH


Staff:2014:LEE


Reed:2014:BFI


Monroe:2014:NCG


Savage:2014:TC


Guzdial:2014:DTP

Wright:2014:BDM

Kugler:2014:RCD

Shein:2014:HPS

Samuelson:2014:LSW

Huff:2014:CET

Sako:2014:TSM

Margolis:2014:BPC

Friedman:2014:VSC

Laplante:2014:VLP


REFERENCES


REFERENCES


REFERENCES

Kern:2014:STW


Bailis:2014:NR


Daries:2014:PAB


Herley:2014:SCS


Tsikerdekis:2014:ODS


Laumond:2014:ORM


Efros:2014:PAB


Kemelmacher-Shlizerman:2014:MP


Winkler:2014:LBPs


Krakovskiy:2014:LBPQ

White:2014:ACO

Cerf:2014:CUC

Staff:2014:LER

Langford:2014:BFR

Monroe:2014:NSS

Savage:2014:NGE

Subbaraman:2014:NMG

Cusumano:2014:TSM

Neumann:2014:IRR
REFERENCES


REFERENCES


REFERENCES


Rusinkiewicz:2014:IDF


Zhao:2014:BVA


Shasha:2014:LBU


Schnabel:2014:PCC


Cerf:2014:CDI


Staff:2014:LES


Guzdial:2014:BMS


Edwards:2014:NDL

Mone:2014:NIL


Kirkpatrick:2014:NSS


Sta:2014:NA


Best:2014:GCI


Denning:2014:PIW


Whitney:2014:BPI


Neville-Neil:2014:KVP


Naedele:2014:VMC


Meijer:2014:REE


Chisnall:2014:NST


Jacobson:2014:NSE


Marsella:2014:CMH


Silberstein:2014:GCO


Jennings:2014:HAC


Keckler:2014:RCT


Rogers:2014:LYL


Mone:2014:LBQ

REFERENCES


Richardson:2015:DD


Sampemane:2015:IAC


Bueso:2015:STP


Singh:2015:AWR


Ruotsalo:2015:IIM


Navlakha:2015:DIP


Nair:2015:BDN


Esmailzadeh:2015:NAG

REFERENCES

Bainbridge:2015:LBFa


Vardi:2015:ELI


Cerf:2015:CTN


Staff:2015:LES


Guzdial:2015:BWB


Savage:2015:NVS


Kugler:2015:NOP


Kirkpatrick:2015:NUT


Landwehr:2015:PSW

[1622] Carl Landwehr. Privacy and security: We need a building code for building
REFERENCES

Zeng:2015:EBD


Neumann:2015:IRF


Franklin:2015:EPC


Neville-Neil:2015:KVT


Fox:2015:VDI


Livshits:2015:VDS


Stenn:2015:SNT


[1646] Peter J. Denning and Edward E. Gordon. The profession of IT:


Timothy Libert. Privacy implications of health information seeking on the


197

REFERENCES

Edwards:2015:NSS

Broderick:2015:NWP

Denning:2015:PST

Sako:2015:TSM

Neville-Neil:2015:KVR

Shustek:2015:IIJ

Lamport:2015:VWB

Vixie:2015:GSG

Gunther:2015:HSS
REFERENCES


Cohen:2015:STP

Newcombe:2015:HAW

Sametinger:2015:SCM

Mudge:2015:STC

Qadeer:2015:CEB

Batchelor:2015:LBF

Vardi:2015:IQI

Cerf:2015:CF
Staff:2015:LEAb


Adams:2015:BIY


Kugler:2015:NGE


Kirkpatrick:2015:NPD


Mone:2015:NRH


Schrage:2015:EBD


Fincher:2015:EWW


Sprigman:2015:LTO

Ball:2015:VTF

Abiteboul:2015:VMY

Sheehy:2015:TNN

Rathbun:2015:PPP

Preibusch:2015:PBA

Varma:2015:DFC

Laumond:2015:OMS

Larus:2015:PMC

Satish:2015:CTP
[1696] Nadathur Satish, Changkyu Kim, Jatin Chhugani, Hideki Saito, Rakesh Krishnaiyer, Mikhail Smelyanskiy, Milind Girkar, and Pradeep Dubey. Can traditional programming bridge the ninja performance gap for parallel computing

Shasha:2015:LBUb


White:2015:TY


Cerf:2015:CA


Staff:2015:LEL


Guzdial:2015:BBE


Savage:2015:NPP


Greengard:2015:NBL


Anthes:2015:NEM


Reuter:2015:NKT


[1714] Stepa n Davidovic and Kavita Guliani. Reliable Cron across the planet. Com-

Zafarani:2015:EGT


Jensen:2015:CPN


Lamport:2015:TLC


Berman:2015:FIE


Baudisch:2015:VRY


Jones:2015:IIE


Homann:2015:LBQa

REFERENCES


REFERENCES

Camp:2015:CER


Anderson:2015:HRP


Armour:2015:BSU


Gilbert:2015:BPA


Kumar:2015:VFC


Brook:2015:LLD


Dowling:2015:UFO


Reed:2015:ECB

REFERENCES


[1747] CACM Staff. Letters to the Editor: Not so easy to forget. Communications of the ACM, 58(8):8–9,


Soh:2015:VLT


vanDeursen:2015:TWA


Wang:2015:EW


Valiron:2015:PQF


Kittur:2015:CCP

Bernstein:2015:SWP


Shasha:2015:LBUc


Konstan:2015:SCM


Cerf:2015:CCA


Staff:2015:LEMb


Arquilla:2015:BMB


Savage:2015:NSS


Mone:2015:NSE

Kugler:2015:NNN


Haigh:2015:HRI


Karaganis:2015:LTR


Kleine:2015:GCV


Denning:2015:PIA


Ullman:2015:VER


Mitzenmacher:2015:VTE


McKinley:2015:PCP

REFERENCES


John Arquilla and Daniel A. Reed. BLOG@CACM: The morality of online war; the fates of data analytics, HPC. *Communications of the ACM*, 58(10):12–13, October 2015. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). URL http://cacm.acm.org/magazines/2015/10/192381/fulltext.


REFERENCES

Bainbridge:2015:LBFb

Schnabel:2015:TAV

Cerf:2015:MT

Sta:2015:LEWa

Barr:2015:BHM

Wright:2015:NAA

Shein:2015:NCP

Edwards:2015:NBS

Sta:2015:NJH
Lipner:2015:PSS

Samuelson:2015:LSS

Hydari:2015:EBD

Sengupta:2015:EPK

Shustek:2015:IIF

Calvo:2015:VWT

Maurer:2015:FS

Mcmullen:2015:IPW
REFERENCES


Arkin:2015:PCC

Angiuli:2015:HIY

Matsudaira:2015:LSD

Gaud:2015:CMM

Ballatore:2015:PM

Wadler:2015:PT

Sen:2015:SDP

Kraut:2015:IUP
REFERENCES

Snavely:2015:TPP

Doersch:2015:WMP

Maier:2015:TPS

Alagiannis:2015:NEQ

Hoffmann:2015:LBQc

Nelson:2016:FTN

Cerf:2016:RLA

Staff:2016:LELa
REFERENCES

Cerf:2016:LEA


Wolf:2016:LEA


Arquilla:2016:BCC


Savage:2016:NSM


Greengard:2016:NBM


Shein:2016:NPI


Staff:2016:NGA


Weinberg:2016:LTB


Cusumano:2016:TSMa

Armour:2016:BSC


Haigh:2016:HRW


Wiederhold:2016:VUD


Shoham:2016:VWK


Neville-Neil:2016:TIL


Nanavati:2016:NVS


Helland:2016:ICE


Shekhar:2016:SC


Lee:2016:ODC

[1887] Melissa Lee, Esteve Almirall, and Jonathan Wareham. Open data


REFERENCES


[1903] Peter C. Evans and Rahul C. Basole. Economic and business dimen-

Landwehr:2016:PSP


Adrion:2016:EBA


Neville-Neil:2016:KV


Chandra:2016:VLT


Lin:2016:VHC


Guha:2016:SOE


McCaffrey:2016:VDS


Diakopoulos:2016:AAD


REFERENCES


REFERENCES


[1951] Mark Guzdial and John Arquilla. BLOG@CACM: Sampling bias in CS education, and where’s the cyber strategy? *Communications of the ACM*, 59(4):10–11, April 2016. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). URL http:
REFERENCES


REFERENCES


Kamp:2016:MEM


Baquero:2016:WLC


Limoncelli:2016:HSD


Bera:2016:HCB


Gofman:2016:MBE


Apostolico:2016:YST


Wagner:2016:TPF


Andrychowicz:2016:SMC

REFERENCES


Sirer:2016:TPS


Meiklejohn:2016:FBC


Shasha:2016:LBUb


Vardi:2016:MIA


Cerf:2016:IT


Staff:2016:LEW


Staff:2016:LEAb


Guzdial:2016:BBC

REFERENCES


REFERENCES


REFERENCES


Gregg:2016:FG


Helland:2016:SDS


Myers:2016:IAU


Drineas:2016:RRN


Sen:2016:VTP


Avgerinos:2016:ESE

Suri:2016:CC

Barowy:2016:API

Hoffmann:2016:LBQb

Vardi:2016:RAU

Cerf:2016:PBI

Sta:2016:LERa

Wing:2016:BPC

Savage:2016:NGM

Krakovsky:2016:NAS


REFERENCES


[2045] Sam Madden. Technical perspective: Mesa takes data warehousing to new heights. *Communications of the
REFERENCES

Gupta:2016:MGR


Shasha:2016:LBUc


Hanson:2016:NAP


Cerf:2016:SSL


Staff:2016:LEF


Hong:2016:BIG


Krakovsky:2016:NRR


Anthes:2016:NOS

[2053] Gary Anthes. News: Open source software no longer optional. Com-
REFERENCES

244


REFERENCES


[2093] Leah Hoffmann. Last byte: Q&A. Communications of the ACM, 59(9):104–ff, September 2016. CODEN CACMA2. ISSN 0001-0782 (print),
REFERENCES


Gehrke:2016:TPN


Murray:2016:IID


Larus:2016:TPP


Maleki:2016:EPU

Saeed Maleki, Madanlal Musuvathi, and Todd Mytkowicz. Efficient parallelization using rank convergence in dynamic programming algorithms.

Shasha:2016:LBF


Vardi:2016:DGC


Cerf:2016:DHA


Staff:2016:LELb

Barr:2016:BIC


Klarreich:2016:NLS


Underwood:2016:NBB


Geller:2016:NFA


Schell:2016:PSC


Samuelson:2016:LSF


Iyer:2016:EBD


Guzdial:2016:EGC


Copeland:2016:VTR

[2127] Jack Copeland, Eli Dresner, Diane Proudfoot, and Oron Shagrir. Viewpoint: Time to reinspect the foundations? *Communications of the ACM*, ...
REFERENCES


Livnat:2016:SA


Hoe:2016:FCA


Jannach:2016:RSB


Putnam:2016:RFA


Keutzer:2016:ICO


Clegg:2016:LBC


Chen:2016:DFE


Hoffmann:2016:LBV


Vardi:2017:TME


Hanson:2017:AFC


Cerf:2017:IMI


Barr:2017:BHW


Monroe:2017:NPR


Wright:2017:NMI


Mone:2017:NBT

REFERENCES


[2189] Dennis Shasha. Last byte: Open field tic-tac-toe. *Communications
Hanson:2017:DCY


Berman:2017:DSE


Staff:2017:LEU


Staff:2017:PPA


Davis:2017:BLA


Edwards:2017:NSQ


Greengard:2017:NCCa


Kirkpatrick:2017:NAD

REFERENCES

Lindqvist:2017:IRF


Bundy:2017:VSM


Yadav:2017:EFC


Dubhashi:2017:VAD


Helland:2017:LBD


Limoncelli:2017:YLB


Cardwell:2017:BCB

[2206] Neal Cardwell, Yuchung Cheng, C. Stephen Gunn, Soheil Hassas


[2210] Eric Rescorla. Technical perspective: Cleaning up flaws in TLS implementa-


REFERENCES


REFERENCES


References


[2247] George V. Neville-Neil. Kode vicious: The chess player who couldn’t pass the
References


REFERENCES


Guo:2017:MJF

Bailis:2017:RPC

Marshall:2017:WOS

Jirotka:2017:RRI

Vojnovic:2017:CT

Blelloch:2017:TPF

Mainland:2017:EVI

Halevy:2017:TPB
Zhang:2017:DDK


Batchelor:2017:LBB


Brinkman:2017:DLP


Vardi:2017:ELT


Cerf:2017:COA


Staff:2017:LETa


Guzdial:2017:BBT


Monroe:2017:NDL

REFERENCES


Helland:2017:TBF

Matsudaira:2017:CTL

Barrera:2017:SIA

Liu:2017:DWF

Bau:2017:LPB

Malik:2017:TPW

Krizhevsky:2017:ICD

Wigderson:2017:TPL


REFERENCES


REFERENCES


REFERENCES


Vinton G. Cerf. Cerf’s up: Take two aspirin and call me in the morn-
REFERENCES


REFERENCES

282


REFERENCES


REFERENCES


Chien:2017:ELC

Cerf:2017:ELS

Staff:2017:LEB

Hill:2017:BMW

Kirkpatrick:2017:NPH

Monroe:2017:NDH

Edwards:2017:NPD

Cusumano:2017:TSMb
REFERENCES

Parnas:2017:IRR

Dhar:2017:EBD

Neville-Neil:2017:KVI

Chapman:2017:VWC

Videla:2017:MWC

Bailis:2017:RPTb

Limoncelli:2017:FWM

Tempero:2017:BR
Gewald:2017:MAT


Wicker:2017:IAT


Ray:2017:LSS


Naughton:2017:BDQ


Williams:2017:DHA


Trummer:2017:MOP


Cerf:2017:CHL

REFERENCES


[2409] Richard Connor, Quintin Cutts, and Judy Robertson. Education: Keeping the machinery in computing educa-
Spann:2017:VPW


Dignum:2017:VSA


Staff:2017:HPR


Matsudaira:2017:BD


Jacobson:2017:TSM


Odamaki:2017:CR


Mcilroy:2017:URT


Riek:2017:HR

REFERENCES


REFERENCES


[2434] Ernest Davis. Lousy advice to the lovelorn. *Communications of the ACM*,
REFERENCES


REFERENCES


REFERENCES

Chakravarty:2018:CHP

Ragan-Kelley:2018:HDA

Shasha:2018:LBP

Gotterbarn:2018:ACE

Tims:2018:CAW

Cerf:2018:CCS

Staff:2018:LETa

Arquilla:2018:BPP
Edwards:2018:NQT

Savage:2018:NGS

Kugler:2018:NWV

Fu:2018:IRR

Wille:2018:EIA

Neville-Neil:2018:KVR

Keating:2018:VTA

Greenstein:2018:VIE

Leung:2018:TIC


REFERENCES

Shein:2018:NSF

Anderson:2018:PSM

Samuelson:2018:LSW

Rogerson:2018:CEE

Denning:2018:PIC

Schneider:2018:VIP

Silberman:2018:VRR

Wallach:2018:VCS
Sompolinsky:2018:BUI


Limoncelli:2018:OEA


Schlossnagle:2018:MDW


Felleisen:2018:PPL


Knowles:2018:WOT


Gorschek:2018:ETS


Kuijpers:2018:HCW


Immorlica:2018:GTF


Kleinberg:2018:TIP

REFERENCES


Paterson:2018:HBB


Zhang:2018:ASC


Hoffmann:2018:LBN


Chien:2018:DEL


Cerf:2018:DEL


Vardi:2018:DOA


Staff:2018:LEP


Tims:2018:BFI


REFERENCES


Shasha:2018:LBF

Cerf:2018:CTT

Davidson:2018:ETS

Vardi:2018:VIHa

Mone:2018:NSM

Staff:2018:AEA

Staff:2018:LEG

Torres:2018:BCC
Savage:2018:NUF


Greengard:2018:NFH


Calo:2018:LTL


Schneider:2018:PSP


Repenning:2018:ESF


HaroldB:2018:VMB


Martonosi:2018:VSP


Schwarzkopf:2018:RPC


Davidovic:2018:CAS

REFERENCES


REFERENCES


Denning:2018:PI


Neville-Neil:2018:KVW


LeGoues:2018:VEA


Choudhury:2018:DCS


Lauinger:2018:TSD


Limoncelli:2018:DA


Baeza-Yates:2018:BW


Wobbrock:2018:ABD


Gefen:2018:IPM

[2583] David Gefen, Jake Miller, Johnathon Kyle Armstrong, Frances H. Cornelius,


CACM Staff. Letters to the editor: Teach the law (and the AI) ‘foreseeability’. *Communications of the ACM*, 61(7):10–11, July 2018. CODEN CACMA2. ISSN 0001-0782 (print),


REFERENCES

Dykstra:2018:VCD

Chisnall:2018:CLL

Matsudaira:2018:HCG

Vasish:2018:RPT

Goodfellow:2018:MML

Schneider:2018:DN

Ousterhout:2018:AMO

Bellini:2018:AED

Goldberg:2018:RSM


REFERENCES


Ali:2018:GCD


Guzdial:2018:EPE


Neville-Neil:2018:KVE


Shapiro:2018:PCD


Schuler:2018:PCD


Petrov:2018:ABM


Crankshaw:2018:RPP


Helland:2018:CE

Burton:2018:HTC


Delimitrou:2018:ALT


Such:2018:MPS


Owens:2018:TPG


McLaughlin:2018:AGB


Bainbridge:2018:LBD


Best:2018:GCS


Chien:2018:ELC


Cerf:2018:CPW


REFERENCES


Barker:2018:VAO


Lee:2018:VSR


Limoncelli:2018:GPM


Mubeen:2018:WFS


Alonso:2018:RPF


Jouppi:2018:DSA


Perricone:2018:CBC


Vucetic:2018:PAC

REFERENCES


[2652] Daniel J. Abadi and Jose M. Faleiro. An overview of deterministic database
CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). URL https://
cacm.acm.org/magazines/2018/9/230572/fulltext.

[2653] Romit Roy Choudhury. Technical
perspective: Is your WiFi a sensor? Communications of the ACM,
61(9):90, September 2018. CODEN
CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). URL https://

[2654] Mingmin Zhao, Fadel Adib, and
Dina Katabi. Emotion recognition using wireless signals. Communications of the ACM,
61(9):91–100, September 2018. CODEN
CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). URL https://

[2655] Dennis Shasha. Last byte: Bounce
CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). URL https://
cacm.acm.org/magazines/2018/9/230602/fulltext.

[2656] Vinton G. Cerf. Cerf’s up: The Internet
CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). URL https://
cacm.acm.org/magazines/2018/10/231357/fulltext.

[2657] CACM Staff. Letters to the editor:
Hennessy and Patterson on the roots of
RISC. Communications of the ACM,
61(10):6–7, October 2018. CODEN
CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). URL https://
cacm.acm.org/magazines/2018/10/231358/fulltext.

[2658] Amir Banifatemi. BLOG@CACM:
Can we use AI for global good? Communications of the ACM, 61
(10):8–9, October 2018. CODEN
CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). URL https://
cacm.acm.org/magazines/2018/10/231359/fulltext.

[2659] Chris Edwards. News: Floating vox-
ells provide new hope for 3D dis-
plays. Communications of the ACM,
61(10):11–13, October 2018. CODEN
CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). URL https://
cacm.acm.org/magazines/2018/10/231361/fulltext.

[2660] Samuel Greengard. News: Trans-
sient electronics take shape. Communications of the ACM, 61(10):
REFERENCES


Shein:2018:NDA


Cusumano:2018:TSMb


Swire:2018:PSP


Neville-Neil:2018:KVO


Abramatic:2018:VBU


Cabot:2018:VCC


Lipton:2018:MMI


Matsudaira:2018:SFC


Gerstenberger:2018:EHS

Hoffmann:2018:LBRb

Cerf:2018:CUL

Vardi:2018:DSR

Hewitt:2018:GCM

Monroe:2018:NAE

Savage:2018:NNM

Greengard:2018:NWI

Samuelson:2018:LSE


REFERENCES


REFERENCES


REFERENCES


[2733] Barbara J. Grosz and Peter Stone. A century-long commitment to assessing
REFERENCES

McDuff:2018:DES

Alur:2018:SBP

Harris:2018:TPN

Calciu:2018:HIC

Moller:2018:TPW

Rossberg:2018:BWS

Hoffmann:2018:LBP

Chien:2019:ELO


[2750] Thomas Haigh. Historical reflections: Hey Google, what’s a moonshot?: how

DaVitoriaLobo:2019:VUY


Lee:2019:VME


Lam:2019:URC


Frazelle:2019:RPS


Limoncelli:2019:SNE


Seidel:2019:ATD


Orenga-Rogla:2019:FIB


Copeland:2019:CTT

REFERENCES


REFERENCES


Neville-Neil:2019:Kvw


Feitelson:2019:Vtl


Nardelli:2019:Vdw


Staff:2019:Cic


Matsudaira:2019:Ifg


Hennessy:2019:Nga


Gao:2019:Ecu


Bello:2019:Ssm


Herlihy:2019:Bdc

REFERENCES


