

# CURRICULUM VITAE

## Kevin Jeffay

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Department of Computer Science  
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### Education

Ph.D. Computer Science, University of Washington.

Honors: IBM Graduate Fellowship.

M.Sc. Computer Science, University of Toronto.

Honors: University of Toronto Open Fellowship.

B.S. Mathematics with Highest Distinction, University of Illinois at Urbana-Champaign.

Honors: Phi Beta Kappa, James Scholar.

### Academic Experience

Chairman, Department of Computer Science, University of North Carolina at Chapel Hill, Chapel Hill, NC, 2014–present.

Gillian T. Cell Distinguished Professor in Computer Science, University of North Carolina at Chapel Hill, Department of Computer Science, Chapel Hill, NC, 2008–present.

S. S. Jones Distinguished Professor in Computer Science, University of North Carolina at Chapel Hill, Department of Computer Science, Chapel Hill, NC, 2001–2008.

S. S. Jones Distinguished Term Associate Professor of Computer Science, University of North Carolina at Chapel Hill, Department of Computer Science, Chapel Hill, NC, 2000.

Associate Professor, University of North Carolina at Chapel Hill, Department of Computer Science, Chapel Hill, NC, 1996–2000.

Visiting Professor, Carnegie Mellon University, School of Computer Science, Pittsburgh, PA, 1994.

Assistant Professor, University of North Carolina at Chapel Hill, Department of Computer Science, Chapel Hill, NC, 1989–1995.

### Honors and Awards

Alumni Achievement Award, University of Washington, Department of Computer Science and Engineering, June 2015.

Excellence in Teaching Award, Computer Science Student Association, University of North Carolina at Chapel Hill, Department of Computer Science, May 2011.

Favorite Faculty Award, an award given by the Computer Science majors of the 2010 graduating class, May 2010.

Carolina Women's Center Women's Advocacy Award, University of North Carolina at Chapel Hill, Chapel Hill, NC, March 2010.

Gillian T. Cell Distinguished Professor in Computer Science, University of North Carolina at Chapel Hill, College of Arts and Sciences, Chapel Hill, NC, June 2008.

Outstanding Teaching Award, an award given by the Computer Science majors of the 2008 graduating class, May 2008.

Favorite Faculty Award, an award given by the Computer Science majors of the 2004 graduating class, May 2004.

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Edward Kidder Graham Outstanding Faculty Award, an award given by the Class of 2004 and the General Alumni Association, April 2004.

Edward Kidder Graham Advisor of the Year Award, an award given by the Class of 2004 and the General Alumni Association, April 2004.

IEEE Service Award, Service to the IEEE Technical Committee on Real-Time Systems, December 2001.

Outstanding Teaching Award, Computer Science Student Association, University of North Carolina at Chapel Hill, Department of Computer Science, May 2000.

S. Shepard Jones Distinguished Term Professorship, University of North Carolina at Chapel Hill, College of Arts and Sciences, Chapel Hill, NC, March 1999.

Award Papers:

ACM SIGCOMM 2000, 2003.

IEEE International Symposium on High Assurance Systems Engineering 1999, 2000.

IEEE Real-Time Technology and Applications Symposium, 1995.

ACM International Conference on Multimedia, 1994.

*Computer Networks and ISDN Systems*, 1994.

International Workshop on Network and Operating System Support for Digital Audio and Video, 1991, 1992, 1993, 1997.

**Testifying  
Experience  
(Within Last  
Four Years)**

*Longhorn HD, LLC v. Netscout Systems, Inc.*, United States District Court for the Eastern District of Texas, Marshall Division, Case No. 2:20-cv-00349.

Provided deposition testimony on behalf of defendant Netscout Systems, Inc.

*ClearDoc, Inc. v. Riverside, Inc.*, United States District Court for the District of Delaware, Case No. 21-1422-RGA.

Provided deposition testimony on behalf of defendant RiversideFM, Inc.

*Voxer, Inc. and Voxer IP LLC v. Facebook, Inc. and Instagram LLC*, United States District Court for the Western District of Texas, Austin Division, Case No. 1:20-cv-00655 [ADA].

Provided deposition testimony on behalf of defendants Facebook, Inc. and Instagram LLC.

*AlterWAN, Inc. v. Amazon.com, Inc. and Amazon Web Services, Inc.*, United States District Court for the District of Delaware, Case No. 1:19-cv-01544-MN.

Provided deposition testimony on behalf of defendants Amazon.com, Inc. and Amazon Web Services, Inc.

*In the Matter of: Certain Fitness Devices, Streaming Components Thereof, and Systems Containing Same*, United States International Trade Commission, Investigation No. 337-TA-1265.

Provided deposition testimony on behalf of complainants DISH DBS Corporation, DISH Technologies, LLC, and Sling TV LLC.

*Huawei Technologies Co., Ltd., Huawei Device Co., Ltd., and Huawei Digital Technologies (Chengdu) Co., Ltd. v. Verizon Communications Inc., Cellco Partnership d/b/a Verizon Wireless, and Verizon Business Network Services, Inc.*, United States District Court for the Western District of Texas, Waco Division, Case No. 6:20-cv-00900.

Provided deposition testimony on behalf of defendants Verizon Communications Inc., *et al.*

*In re: Inter Partes review of U.S. Patent No. US 7,450,507.*

Provided deposition testimony on behalf of Petitioner NetApp, Inc.

*In the Matter of: Certain Digital Video-Capable Devices and Components Thereof*, United States International Trade Commission, Investigation No. 337-TA-1224.

Provided deposition and trial testimony on behalf of respondent Intel Corp.

- Gigamon Inc., v. Apcon, Inc.*, United States District Court for the Eastern District of Texas, Marshall Division, Case No. 2:19-cv-300.  
 Provided deposition and trial testimony on behalf of plaintiff Gigamon Inc.
- In re: Inter Partes review of U.S. Patent Nos. 10,022,590, 10,322,315, & 10,486,026.*  
 Provided deposition testimony on behalf of Petitioner Echelon Fitness Multimedia, Inc.
- Citrix Systems, Inc., v. Workspot Inc.*, United States District Court for the District of Delaware, Case No. 18-588-GMS.  
 Provided deposition testimony on behalf of defendant Workspot Inc.
- In the Matter of: Certain Audio Players and Controllers, Components Thereof, and Products Containing the Same*, United States International Trade Commission, Investigation No. 337-TA-1191.  
 Provided deposition and trial testimony on behalf of respondent Alphabet Inc. and Google LLC.
- Monarch Networking Solutions LLC, v. Cisco Systems, Inc.*, United States District Court for the Eastern District of Texas, Marshall Division, Case No. 2:20-cv-00015-JRG.  
 Provided deposition testimony on behalf of defendant Cisco Systems, Inc.
- Sprint Communications Company L.P., v. Cequel Communications, LLC d/b/a Suddenlink Communications, and CSC Holdings, LLC d/b/a/ Optimun-Cablevision*, United States District Court for the District of Delaware, Case No. 18-1752-RGA.  
 Provided deposition testimony on behalf of defendants Suddenlink Communications and Optimun-Cablevision.
- In re: Inter Partes review of U.S. Patent Nos. 7,710,978, 7,773,588 & 8,560,828.*  
 Provided deposition testimony on behalf of Patent Owner directPacket Research, Inc.
- Centripetal Networks, Inc., v. Cisco Systems, Inc.*, United States District Court for the Eastern District of Virginia, Norfolk Division, Case No. 2:18-cv-00094-HCM-LRL.  
 Provided deposition and trial testimony on behalf of defendant Cisco Systems, Inc.
- In re: Inter Partes review of U.S. Patent Nos. 8,064,935 & 9,602,655.*  
 Provided deposition testimony on behalf of Petitioner Resideo Technologies, Inc.
- In the Matter of: Certain Wireless Communication Devices and Related Components Thereof*, United States International Trade Commission, Investigation No. 337-TA-1180.  
 Provided deposition testimony on behalf of respondent HTC Corporation and HTC America, Inc.
- Gummarus LLC, v. Samsung Electronics Co., Ltd. and Samsung Electronics America, Inc.*, United States District Court for the Eastern District of Texas, Sherman Division, Case No. 4:19-cv-00251.  
 Provided deposition testimony on behalf of defendant Samsung Electronics Co., Ltd. and Samsung Electronics America, Inc.
- Uniloc 2017, LLC, v. Netflix, Inc.*, United States District Court for the Central District of California, Los Angeles Division, Case No. 8:18-cv-02055-JVS-DFM.  
 Provided a tutorial at a Markman Hearing on behalf of defendant Netflix, Inc.
- directPacket Research, Inc. v. Polycom, Inc.*, United States District Court for the Northern District of California, San Jose Division, Case No. 5:19-cv-03918-LHK.  
 Provided deposition testimony on behalf of plaintiff directPacket Research, Inc.
- Symantec Corp. and Symantec Limited v. Zscaler, Inc.*, United States District Court for the Northern District of California, San Francisco Division, Case No. 3:17-cv-04426-JST.  
 Provided deposition testimony on behalf of defendant Zscaler, Inc.
- In re: Inter Partes review of U.S. Patent Nos. 8,631,120 & 9,148,493.*

Provided deposition testimony on behalf of Petitioner Avi Networks, Inc.

*Finite State Machine Labs Inc., v. Spectracom Corporation, Orolia USA, Inc., and Orolia S.A.*, United States District Court for the Western District of Texas, Austin Division, Case Nos. 1:17-cv-01040-SS.

Provided deposition testimony on behalf of defendants Spectracom Corporation, Orolia USA, Inc. and Orolia S.A.

*Implicit LLC, v. NetScout Systems Inc. and Sandvine Corporation*, United States District Court for the Eastern District of Texas, Marshall Division, Case Nos. 2:18-cv-0053-JRG and 2:18-cv-0054-JRG.

Provided deposition testimony on behalf of defendants NetScout Systems Inc. and Sandvine Corporation, and trial testimony on behalf of defendant NetScout Systems Inc.

*In re: Inter Partes review of U.S. Patent No. 7,844,037.*

Provided deposition testimony on behalf of Patent Owner Qualcomm Inc.

*In re: Inter Partes review of U.S. Patent No. 9,203,940.*

Provided deposition testimony on behalf of Patent Owner Qualcomm Inc.

*Koninklijke Philips N.V. and U.S. Philips Corp., v. HTC Corp. and HTC America, Inc.*, United States District Court for the Northern District of California Oakland Division, Case No. 4:18-01885-HSG.

Provided deposition testimony on behalf of defendant HTC Corp. and HTC America, Inc.

*In re: Inter Partes review of U.S. Patent No. 8,508,607.*

Provided deposition testimony on behalf of Petitioner Axis Communications AB.

*In re: Inter Partes review of U.S. Patent No. 9,560,077.*

Provided deposition testimony on behalf of Petitioner Cisco Systems, Inc.

*In re: Inter Partes review of U.S. Patent No. 9,137,205.*

Provided deposition testimony on behalf of Petitioner Cisco Systems, Inc.

*In re: Inter Partes review of U.S. Patent No. 9,565,213.*

Provided deposition testimony on behalf of Petitioner Cisco Systems, Inc.

*Egenera, Inc., v. Cisco Systems, Inc.*, United States District Court for the District of Massachusetts, Case No. 1-16-cv-11613-RGS.

Provided deposition and summary judgement hearing testimony on behalf of defendant Cisco Systems, Inc.

*Symantec Corp. and Symantec Limited v. Zscaler, Inc.*, United States District Court for the Northern District of California, San Francisco Division, Case No. 3:17-cv-04414-JST.

Provided deposition testimony on behalf of defendant Zscaler, Inc.

*SEVEN Networks, LLC v. Google LLC*, United States District Court for the Eastern District of Texas, Marshall Division, Case No. 2:17-CV-00442-JRG.

Provided deposition testimony on behalf of defendant Google LLC.

## Industry Experience

Consultant, Mälardalen University, Västerås, Sweden, 2001.

Member, Technical Advisory Board, Ganymede Software Inc., Research Triangle Park, NC, 1996–1999.

Consultant and Author, INTEROP Graduate Institute, SOFTBANK Inc., Foster City, CA, 1996–1997.

Consultant, National Science Foundation, Arlington, VA, 1995–2014.

Consultant, Monterey Technologies Inc., Cary, NC, 1994–1996.

Consultant, Hewlett-Packard Inc., Ink Jet Components Division, Corvallis, OR, 1993–1994.

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Visiting Researcher, IBM T.J. Watson Research Center, Computer Systems Principles Group, Yorktown Heights, NY, 1986.

Consultant, Boeing Aerospace, Kent, WA, 1985–1986.

Software Engineer, R.R. Donnelley & Sons Company Inc., Technical Center, Chicago, IL, 1984.

Computer Programmer, US Army Corps of Engineers Construction Engineering Research Lab, Champaign, IL, 1981–1982.

## Community Service

Consultant (unpaid), Children's Museum About the World (now called *Exploris*), Raleigh, NC, 1995–1996.

## Professional Activities

*Editor* Associate Editor, *Real-Time Systems*, Kluwer Academic Publishers, The Netherlands, 2003–2012.

Editor in Chief, *Multimedia Systems*, ACM/Springer-Verlag, Heidelberg, Germany, 2000–2001.

*Editorial Board* *Journal of Multimedia Tools and Applications*, Kluwer Academic Publishers, 1994–1999.

*Guest Editor* *Computer Communications*, special issue on system support for multimedia computing, Volume 18, Number 10, October 1995.

*Executive Committees* ACM/SIGCOMM Internet Measurement Conference Steering Committee, 2005–2009.

College of Reviewers, Canada Research Chairs Program, 2004–2008.

Statistical and Applied Mathematical Sciences Institute (SAMSI) program on Network Modeling for the Internet, 2002–2004.

IEEE Technical Committee on Real-Time Systems, 2000–2007.

ACM Special Interest Group on Multimedia, 2000–2002.

*Other Committees* *IEEE Distinguished Visitors Program*, 2004–2007.

*Conference Program Chair* 11<sup>th</sup> International Workshop on Quality-of-Service (Co-Chair), Monterey, CA, June 2003.

Sixth IEEE Symposium on Computers and Communications, Hammamet, Tunisia, July 2001.

21<sup>st</sup> IEEE Real-Time Systems Symposium, Orlando, FL, November 2000.

Tenth International Workshop on Network and Operating System Support for Digital Audio and Video, Chapel Hill, NC, June 2000.

Seventh ACM International Conference on Multimedia (Co-Chair), Orlando, FL, November 1999.

SPIE/ACM Multimedia Computing and Networking 1999 (Co-Chair), San Jose, CA, January 1999.

Sixth ACM International Conference on Multimedia (Associate Chair), Bristol, UK, September 1998.

IEEE International Conference on Multimedia Computing Systems (Associate Chair), Austin, TX, June 1998.

SPIE/ACM Multimedia Computing and Networking 1998 (Co-Chair), San Jose, CA, January 1998.

SPIE/ACM Multimedia Computing and Networking 1997 (Associate Chair), San Jose, CA, February 1997.

IEEE Workshop on Resource Allocation Problems in Multimedia Systems, Washington D.C., December 1996.

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