

CURRICULUM VITAE

Kevin Jeffay

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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

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

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.

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)**

In the Matter of: Certain Digital Media devices, Including Televisions, Blu-Ray Disc Players, Home Theater Systems, Tablets and Mobile Phones, Components Thereof and Associated Software, United States International Trade Commission, Investigation No. 337-TA-882.

Provided deposition and hearing testimony on behalf of respondents Samsung Electronics Co., Ltd., Samsung Electronics America, Inc., and Samsung Telecommunications America, LLC, LG electronics, Inc., LG Electronics U.S.A., Inc., and LG Electronics MobileComm U.S.A., Inc., Panasonic Corporation and Panasonic Corporation of America, and Toshiba Corporation and Toshiba America Information Systems, Inc., and intervenor Google.

Apple Inc. v. Samsung Electronics Co., Ltd., Samsung Electronics America, Inc., Samsung Telecommunications America, United States District Court for the Northern District of California, San Jose Division, Case No. 12-cv-00630-LHK.

Provided deposition and trial testimony on behalf Samsung defendants.

LinkSmart Wireless Technologies, LLC v. T-Mobile USA, Inc., et al., United States District Court for the Central District of California, Santa Ana Division, Case No. SACV12-00522-AG.

Provided deposition testimony on behalf of defendants Cisco Systems Inc., T-Mobile USA, Inc., and related defendants.

MobileMedia Ideas LLC v. HTC Corp. and HTC America Inc., United States District Court for the Eastern District of Texas, Marshall Division, Case No. 2:10-CV-112-JRG.

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

Richard A. Williamson v. Verizon Communications Inc., et al., United States District Court for the Southern District of New York, Case No. 1:11-cv-04948 (LTS)(HBP), *Richard A. Williamson v. AT&T Operations Inc. and AT&T Services, Inc.*, United States District Court for the Southern District of New York, Case No. 1:13-cv-00645 (LTS)(HBP).

Provided deposition testimony on behalf of defendants Verizon Communications Inc., *et al.* and AT&T Operations, Inc., and AT&T Services, Inc.

Pixion, Inc., v. Citrix Systems, Inc., Citrix Online, LLC, United States District Court for the Northern District of California, San Francisco Division, Case No. 09-cv-03496-SI.

Provided deposition testimony on behalf of defendants Citrix Systems, Inc., and Citrix Online, LLC.

Nomadix, Inc., v. Hewlett-Packard Company, et al., United States District Court for the Central District of California Western Division, Case No. 09-cv-8441-DDP (VBK).

Provided deposition testimony on behalf of defendants Hewlett-Packard Company, Wayport, Inc.,

iBAHN Corporation, iBAHN General Holdings Corporation, Aruba Networks, Inc., Superclick, Inc., and Superclick Networks, Inc.

nCUBE Corporation (now ARRIS Group, Inc.), v. SeaChange International, Inc., United States District Court for the District of Delaware (C.A. No. 01-011 (LPS)).

Provided deposition and hearing testimony on behalf of defendant SeaChange International, Inc.

Cooper Notification Inc., v. Twitter, Inc., et al., United States District Court for the District of Delaware, (Case No. 09-C-865-JIF).

Provided deposition testimony on behalf of defendant Everbridge Inc.

TIVO Inc., v. AT&T Inc., United States District Court for the Eastern District of Texas, Marshall Division, (Case No. 2:09-CV-0259-DF).

Provided deposition testimony on behalf of intervenor Microsoft Corp.

Extreme Networks, Inc., v. Enterasys Networks, Inc., United States District Court for the Western District of Wisconsin, (07-C-0229-C).

Provided deposition and trial testimony on behalf of counter-claim plaintiff Enterasys Networks.

Alcatel-Lucent USA, Inc. v. Amazon.com, Inc. et al., United States District Court for the Eastern District of Texas, Tyler Division, (Civil Action No. 6:09-cv-422-LED).

Provided deposition testimony on behalf of counter-claim defendant Alcatel-Lucent USA, Inc.

F5 Networks, Inc. v. A10 Networks, Inc., United States District Court for the Western District of Washington, Seattle Division, (Case No. C10-00654 MJP).

Provided deposition testimony on behalf of defendant A10 Networks, Inc.

In the Matter of: Certain Personal Data and Mobile Communications Devices and Related Service, United States International Trade Commission, Investigation No. 337-TA-710.

Provided deposition and hearing testimony on behalf of respondents HTC Corp., HTC America, Inc., and Exedea, Inc.

Bedrock Computer Technologies LLC v. Softlayer Technology, Inc., et al., United States District Court for the Eastern District of Texas, Tyler Division (Case No. 6:09-CV-0029).

Provided deposition and trial testimony on behalf of defendants Google, Inc., and Match.com LLC.

In the Matter of: Certain Multimedia Display and Navigation Systems and Systems, Components Thereof, and Products Containing the Same, United States International Trade Commission, Investigation No. 337-TA-694.

Provided deposition and hearing testimony on behalf of complainant Pioneer Corporation, and Pioneer Electronics (USA), Inc.

LinkSmart Wireless Technologies, LLC v. T-Mobile USA, Inc., et al., United States District Court for the Eastern District of Texas, Marshall Division (2:08-cv-00264, 00304, 00385, 00026-DF-CE).

Provided deposition testimony on behalf of defendants Cisco Systems Inc., T-Mobile USA, Inc., and related defendants.

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–present.

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

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

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–present.
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–present.
Statistical and Applied Mathematical Sciences Institute (SAMSI) program on Network Modeling for the Internet, 2002–2004.
IEEE Technical Committee on Real-Time Systems, 2000–present.
ACM Special Interest Group on Multimedia, 2000–2002.

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

Conference Program Chair 11th International Workshop on Quality-of-Service (Co-Chair), Monterey, CA, June 2003.
Sixth IEEE Symposium on Computers and Communications, Hammamet, Tunisia, July 2001.
21st 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.
Second IEEE Real-Time Technology and Applications Symposium, Boston, MA, June 1996.

- Conference* ACM SIGCOMM Internet Measurement Conference, San Diego, CA, October 2007.
- General Chair* 22nd IEEE Real-Time Systems Symposium, London, UK, December 2001.
- Tenth International Workshop on Network and Operating System Support for Digital Audio and Video, Chapel Hill, NC, June 2000.
- Third IEEE Real-Time Technology and Applications Symposium, Montreal, Canada, June 1997.
- IEEE Workshop on Resource Allocation Problems in Multimedia Systems, Washington D.C., December 1996.
- Member of* 21st IEEE International Conference on Network Protocols, Goettingen, Germany, October 2013.
- Conference* 18th IEEE International Conference on Network Protocols, Kyoto, Japan, October 2010.
- Program* ACM SIGCOMM 2010, New Delhi, India, August 2010.
- Committee* 17th IEEE International Conference on Network Protocols, Princeton, NJ, October 2009.
- 9th Passive and Active Measurement Conference 2008, Cleveland, OH, April 2008.
- ACM SIGMETRICS 2008, Annapolis, MA, June 2008.
- IEEE INFOCOM 2008, Phoenix, AZ, April 2008.
- 6th ACM SIGCOMM Workshop on Hot Topics in Networks, Atlanta, GA, November 2007.
- 15th IEEE International Conference on Network Protocols, Beijing, China, October 2007.
- 5th IEEE Workshop on Embedded Systems for Real-Time Multimedia, Salzburg, Austria, October 2007.
- Workshop on Experimental Computer Science, ACM FCRC, San Diego, CA, June 2007.
- 15th International Workshop on Quality-of-Service, Chicago, IL, June 2007.
- 17th International Workshop on Network and Operating System Support for Digital Audio and Video, Urbana-Champaign, IL, June 2007.
- 10th IEEE Global Internet Symposium 2007, Anchorage, AK, May 2007.
- ACM SIGMETRICS 2007, San Diego, CA, June 2007.
- 14th IEEE International Conference on Network Protocols, Santa Barbara, CA, October 2006.
- ACM Internet Measurement Conference 2006, Rio de Janeiro, Brazil, October 2006.
- Second ACM SIGCOMM Conference on Future Networking Technologies, Lisbon, Portugal, December 2006.
- 16th International Workshop on Network and Operating System Support for Digital Audio and Video, Newport, RI, June 2006.
- IEEE Workshop on Research Directions for Security and Networking in Critical Real-Time and Embedded Systems, San Jose, CA, April 2006.
- IEEE INFOCOM 2006, Barcelona, Spain, April 2006.
- 13th IEEE International Conference on Network Protocols, Boston, MA, November 2005.
- 15th International Workshop on Network and Operating System Support for Digital Audio and Video, Skamania, WA, June 2005.
- IEEE INFOCOM 2005, Miami, FL, March 2005.
- SPIE/ACM Multimedia Computing and Networking 2005, San Jose, CA, January 2005.
- ACM Multimedia 2004, New York, NY, October 2004.
- ACM Internet Measurement Conference 2004, Taormina, Italy, October 2004.

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