

Curriculum Vitae

Kenneth J. Rodham, Ph.D.

Teaching Professor, Computer Science Dept., Brigham Young University

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Education

Ph.D. in Computer Science. Brigham Young University. 1995

M.S. in Computer Science. Brigham Young University. 1992

B.S. in Computer Science. Brigham Young University. 1990 (Summa Cum Laude)

Academic Positions

Teaching Professor. Computer Science Department, Brigham Young University. Provo, UT. August 2013 – Present

Associate Teaching Professor. Computer Science Department, Brigham Young University. Provo, UT. August 2008 – August 2013

Assistant Teaching Professor. Computer Science Department, Brigham Young University. Provo, UT. November 2001 – August 2008

Research Assistant. Computer Science Department, Brigham Young University. Provo, UT. January 1991 – May 1995

Instructor. Computer Science Department, Brigham Young University. Provo, UT. June 1993 – August 1993

Industrial Positions

Co-Founder. UVNetworks, LLC (www.uvnets.com). Highland, UT. April 2013 - Present (Part-Time)

Software Architect. Ipswitch, Inc. American Fork, UT. June 2009 – April 2013 (Part-Time)

Co-Founder. Hourglass Technologies, LLC. Highland, UT. June 2006 – May 2009 (Part-Time)

Consultant. Altiris, Inc. Lindon, UT. September 2004 – May 2006 (Part-Time)

Consultant. Bridgewater Technologies, Inc. Lindon, UT. January 2004 – September 2004 (Part-Time)

Member of Technical Staff. Sun Microsystems, Inc. Cupertino, CA. June 1999 – October 2001 (Full-Time)

Senior Software Engineer. Encanto Networks, Inc. Santa Clara, CA. March 1998 – June 1999 (Full-Time)

Senior Software Engineer. Individual, Inc. San Jose, CA. June 1996 – March 1998 (Full-Time)

Software Engineer. Novell, Inc. San Jose, CA. May 1995 – June 1996 (Full-Time)

Courses Taught

Data Structures and Algorithms
Advanced Programming Concepts
Software Design and Testing
Software Engineering
Large-scale Distributed System Design
Fundamentals of Computing and Information
Concepts of Programming Languages
Compilers

Citizenship Activities

Paper Reviewer, ACM SIGCSE 2006 - 2012

Chair, CS Undergraduate Committee (12/13, 13/14, 14/15)

CS Undergraduate Committee (01/02, 02/03, 03/04, 05/06, 10/11, 11/12)

CS Teaching Committee (03/04, 04/05, 05/06, 07/08, 08/09, 09/10)

CS Capital Equipment Committee (02/03)

CS External Relations Committee (04/05, 07/08, 08/09, 09/10, 10/11)

Awards and Honors

Outstanding Teaching Award (< 10 years), BYU College of Physical and Mathematical Sciences, 2012 (\$10,500 stipend)

UniForum Research Award, 1993 (\$30,000 scholarship)

Refereed Journal Publications

Kohlert, Douglas C., Rodham, Kenneth J., and Olsen, Dan R., Implementing a Graphical Multiuser Interface Toolkit, Software Practice and Experience, September 1993.

Rodham, Kenneth J. and Olsen, Dan R., Smart Telepointers: Maintaining Telepointer Consistency in the Presence of User Interface Customization, ACM Transactions on Graphics, July 1994.

Rodham, Kenneth J. and Olsen, Dan R., Nanites: An Approach to Structure-based Monitoring, ACM Transactions on Computer-Human Interaction, June 1997.

Refereed Conference Publications

Rodham, Kenneth J. and Olsen, Dan R., Interactive Net Services on the WWW, Proceedings of INTERACT '95, June 1995.

Rodham, Kenneth J. and Olsen, Dan R., Distributable Interactive Objects, Proceedings of INTERACT '95, June 1995.

Presentations

UniForum Conference. Dallas, TX. March, 1995

Java Developers Conference. San Francisco, CA. June, 2000

Java Developers Conference. San Francisco, CA. June, 2001

Professional Affiliations

ACM Special Interest Group on Computer Science Education