Christopher R. Slade

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Education

Ph.D. Computer Science (In-Progress), University of Hawaii, 2008-2012, 2022-Present
Dissertation: Computer-Supported Collaborative Learning

M.S. Computer Science, Brigham Young University, 2005
Thesis: On-Disk Sequence Cache (ODSC): Using Excess Disk Capacity to Increase Performance.

B.S. Computer Science, Brigham Young University, 2002, *Summa Cum Laude*

Research Experience

Performance Evaluation Lab   2003–2007
Kelly Flanagan   Brigham Young University
Disk Drive Performance, I/O Systems, Memory Management

Laboratory for Interactive Learning Technologies   2008–Present
Daniel D Suthers   University of Hawaii - Manoa
Online Context Mapping Technology, Threaded Discussions

Teaching Experience

Associate Professor, Aug. 2007–Present
Brigham Young University-Hawaii
Courses: Algorithms and Complexity, Artificial Intelligence, Computational Theory, Computer Organization, Beginning and Object-Oriented Programming, Discrete Mathematics, Data Structures, Operating Systems, Robotics, Programming Languages, Web Application Development, Advanced Web Application Development, Mobile Application Development. Curriculum design and development, authoring several curriculum change proposals.

Graduate Student Instructor (unpaid), Jan. 2007–Apr. 2007
Brigham Young University
Course: Programming Languages

Teaching Assistant, Jan. 2000–Dec. 2003
Brigham Young University
Courses: Computer Organization, Advanced Computer Architecture

Employment

Brigham Young University-Hawaii   Laie, HI
Associate Professor, Aug. 2007–Present   2008–Present
Teaching, Research, and Curriculum Design

Independent Contractor   Laie, HI
Software Developer and Consultant   July 2015–Present
Provided software consulting and development services, using the following tools and technologies: Ruby on Rails, Laravel, Bootstrap, TailwindCSS, Swift, Node, Express, React.js, Vue.js, Angular.js, Docker, Amazon Web Services (AWS), MongoDB.

College of Health & Human Performance   BYU, Provo, UT
Web Programmer   May 2002–Aug. 2003
Designed and developed several web based applications including a library catalog and an intramural
scheduling & registration application used by more than 10,000 participants at a time.

Novell   Provo, UT
Competitive Analyst   May 2001–Aug. 2001
Setup a competitive research lab and compared four different collaboration applications. Developed
a Java servlet to connect a partner's product into a web portal.

Agilent Technologies   Colorado Springs, CO
Web Programmer   May 2000–Aug. 2000
Designed and developed a web based collaboration application, to help the marketing and development
departments share product information and marketing data.

Papers

Wolthuis, Stuart L and Slade, Christopher, "Liberating Legacy System Data with Rails, Intelligent
Use of Conflict Data with Automated Class Scheduling Tools.", Information Systems Education
Journal, Volume 18, Pg. 12-21, 2020

Slade, Christopher R. Suthers, D. D.(2011). Using Interactive Graphical Tools to overcome the
"Collage Effect" in Collaborative Learning Environments. In Proceedings of the 44th Hawai'i International
Conference on the System Sciences (HICSS-34), January 5-7, 2011, Po'ipu, Hawai'i
(CD-ROM). New Brunswick: Institute of Electrical and Electronics Engineers, Inc. (IEEE).

On-Disk Sequence Cache (ODSC): Using Excess Disk Capacity to Increase Performance. Master's
Thesis. Brigham Young University. Dec.2005. http://contentdm.lib.byu.edu/ETD/image/etd1020.pdf

Presentations

Kevin Kimball, Chris Slade "Accounting Balls: An iPhone Game to Teach Debits and Credits" 7th
Annual Conference on Teaching and Learning in Accounting, Atlanta, Georgia (August 2014)

Service

Computer and Information Sciences Professional Society Faculty Advisor, Department of Computer
and Information Systems, Brigham Young University-Hawaii, August 2011-2012.

Faculty Advisory Committee (Faculty Senate), Brigham Young University-Hawaii, August 2013-May
2016.

Academic Exceptions Committee , Brigham Young University-Hawaii, August 2015-August 2019.

Computer Science Program Lead, Department of Computer and Information Systems, Brigham
Young University-Hawaii, August 2008-Dec. 2009.

Computer Science Professor Search Committee Chair, Department of Computer and Information
Systems, Brigham Young University-Hawaii, September 2008.

Tutoring Supervisor, Department of Computer and Information Systems, Brigham Young University-Hawaii,
January 2008-August 2009, August 2016-Present.

Industrial Relations Committee Member, Department of Computer and Information Systems, Brigham
Young University-Hawaii, January 2008-April 2008.

Scholarship Committee Member, Department of Computer and Information Systems, March 2008.

Professional Societies and Organizations

Member of the Association for Computing Machinery (ACM)

Miscellaneous

Served a two year mission for the Church of Jesus Christ of Latter-day Saints in Brazil.

Fluent in Portuguese.