

Spencer Hilton

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Academic Experience

Associate Teaching Professor, Jul 2020 - Present

Information Systems, Marriott School of Business, Brigham Young University, Provo, Utah, USA

Department Chair, Jul 2018 – Jun 2020

School of Computing, Weber State University, Ogden, Utah, USA

- *Supervised 33 employees (28 Faculty, 5 Staff) in 3 programs (Computer Science, Network Management Technology, and Web & User Experience) and ~1200 majors*

Computer Science Program Coordinator, Jul 2016 – Jun 2018

School of Computing, Weber State University, Ogden, Utah, USA

- *Ran the Computer Science program in the School of Computing*
- *Responsibility for building the Class Schedules each semester*

Instructor / Assistant Professor, Jan 2008 – Present

School of Computing, Weber State University, Ogden, Utah, USA

Adjunct Instructor, Jan 2005 – Dec 2007

Computer Science, Weber State University, Ogden, Utah, USA

Education

Master of Business Administration, May 2007

Weber State University, Ogden, Utah, USA

B.S. in Computer Science, Dec 2011

Weber State University, Ogden, Utah, USA

B.A. in Communication / Public Relations, May 2003

Weber State University, Ogden, Utah, USA

Certifications

Masters Certificate, Computer Systems & Security, Fall 2009

Colorado State University, Fort Collins, Colorado, USA

Master of Online Teaching Certificate, Spring 2013

Weber State University, Ogden, Utah, USA

Professional Experience	<p>Data Specialist, Oct 2007 – Dec 2007 MarketStar Corporation, Ogden, Utah, USA</p> <p>Business Intelligence Analyst, Feb 2006 – Oct 2007 MarketStar Corporation, Ogden, Utah, USA</p> <p>Software Engineer, Feb 1999 – Feb 2006 TrakMate, LLC, Layton, Utah, USA</p>
Teaching Experience	<p><u>Brigham Young University</u> IS 201 – Introduction to Management Information Systems IS 402 – Database Systems IS 413 – Enterprise Application Development</p> <p><u>Weber State University</u> CS 1010 – Introduction to Interactive Entertainment CS 1030 – Foundations of Computing CS 1400 – Fundamentals of Programming (Java) CS 2400 – Project Management CS 2550 – Introduction to Database Design and SQL CS 2705 – Networking Fundamentals and Design CS 3630 – Client-Side Frameworks CS 3750 – Software Engineering II</p>
Honors / Awards	<p>Presidential Teaching Excellence Award, Weber State University, April 2020</p>
Software Experience	<p>Programming: Java, C#, ASP.NET, Visual Basic .NET, C++, C, JavaScript, Python, Objective-C, Assembly, PHP, Visual Studio, Eclipse, NetBeans, SQL, Oracle, Microsoft SQLServer, HTML, CSS, JQuery, Microsoft Excel, VBA, Tableau</p>
Professional Membership	<p>ACM SIGCSE</p>
Service Activities	<p><u>Brigham Young University</u> ISD Curriculum Committee, 2021 – Present BSIS Admissions Committee, 2020 – Present MISM Admissions Committee, 2021 - Present</p> <p><u>Weber State University</u> Department Chair, School of Computing, 2018 – 2020</p>

Computer Science Program Coordinator, 2016 - 2018
USHE Computer Science Major Committee, 2016 – 2020
Ogden-Weber Technical College CS Industry Advisory Board
Weber State University Salary, Budgets, Benefits, and Fiscal Planning Committee, 2017 – Present
Weber State University Curriculum Committee, 2013-2017
WSU College of Engineering Curriculum Committee, 2013 - 2018
Computer Science Industry Advisory Committee (Chair), 2015 - 2019
Computer Science Scholarship Committee, 2008 – 2020
Computer Science Curriculum Committee, 2018 – 2020
Computer Science Lab Committee, 2018 – 2020
Computer Science Robocode Committee, 2017 – 2019
Various Hiring, Tenure, Peer Review, and other Committees

Publications

Ball, R., DuHadway, L., Rague, B., Hilton, S. "**GUI-Based vs. Text Based Assignments in CS1**" ACM SIGCSE (Special Interest Group in Computer Science Education), Baltimore, MD. (February 2018)

Hilton, S., Rague, B. "**Is Video Feedback More Effective than Written Feedback?**" Proceedings of the IEEE Frontiers in Education Conference (FIE), El Paso, TX (October 2015). Chaired paper session.

Anderson, G., Hilton, S. "**Increase Team Cohesion by Playing Cooperative Video Games**", CrossTalk, Edition Jan/Feb 2015, Volume 28, Issue Jan/Feb 2015, Pages 5, U.S. Department of Defense, HAFB Layton, UT, 2015.

Anderson, G., Ferro, D., Hilton, R. (2008). *Connecting with Computer Science* (2nd Ed.) Boston, MA. Cengage Learning.

- Wrote "The Lighter Side of the Lab by Spencer" Chapter Forewords

Anderson, G., Ferro, D., Hilton, R. (2005). *Connecting with Computer Science*. Boston, MA. Cengage Learning.

- Wrote "The Lighter Side of the Lab by Spencer" Chapter Forewords

Presentations

Panelist, Northern Utah STEM Career and College Expo
Layton, UT (November 2019)

Panelist, Northern Utah STEM Career and College Expo
Layton, UT (November 2018)

"Is Video Feedback More Effective than Written Feedback?"
Frontiers in Education Conference (FIE), El Paso, TX (October 2015).

“Flipping the Classroom”, Teaching and Learning Conference, Weber State University, Ogden, UT (April 2013)

Grants

Carl B. Perkins Technology Grant, **“CS Gaming Camp for High School Students (2019)”**, \$9,684, 2020-2021

Dee Family Technology Grants, **“Microsoft Hololens use as a Vehicle Electrical System Diagnostic Tool”**, \$3,000, 2019-2020

Carl D. Perkins Technology Grant, **“CS Gaming Camp for High School Students (2020)”**, \$9,684, 2019-2020

Academic Resources and Computing Committee Grant, **“Wacom Tablets for Computer Science Classrooms”**, \$6,834, 2015-2016

Hemingway Faculty Vitality Grant, **“Paper Presentation at Frontiers in Education Conference (El Paso, TX Oct 21-24, 2015)”**, \$2,360, 2015-2016