

Spencer Hilton

488 W 400 N
Mapleton, UT 84664
(801) 668-0756

Academic Experience

Teaching Professor, Sep 2025 – Present

Associate Teaching Professor, Jul 2020 – Aug 2025

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

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 – Jun 2020

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

Business Intelligence Analyst / Data Specialist, Feb 2006 – Dec 2007
MarketStar Corporation, Ogden, Utah, USA

Software Engineer, Feb 1999 – Feb 2006
TrakMate, LLC, Layton, Utah, USA

Teaching ExperienceBrigham Young University

IS 201 – Introduction to Management Information Systems
IS 402 – Database Systems
IS 413 – Enterprise Application Development
IS 405 / 562 – Project Management
IAS 201R – Cultural Survey
MSB 430 – Intro to International Business

Weber State University

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

Honors / Awards

BYU Early Career Teaching Award
August 2024

Association for Information Systems Student Faculty Advisor of the Year
March 2024

BYU Marriott Student Centered Impact Award
April 2023

Presidential Teaching Excellence Award, Weber State University,
April 2020

Software Experience

Programming: Java, C#, ASP.NET, Visual Basic, C++, C, JavaScript, React, Python, Objective-C, Assembly, PHP, Visual Studio, VS Code, Eclipse, NetBeans, SQL, Oracle, Microsoft SQLServer, MySQL, HTML, CSS, JQuery, Microsoft Excel, VBA, Tableau

Professional Membership

Association for Information Systems (2021 – Present)
Association of Computing Machinery (ACM) SIGCSE (2013 – 2020)

Service Activities

Brigham Young University

- AIS Student Chapter Faculty Advisor, 2023 - Present
- ISD Curriculum Committee Chair, 2022 - 2023
- ISD Curriculum Committee, 2021 – Present
- BSIS Admissions Committee, 2020 – Present
- MISM Admissions Committee, 2021 – Present

- Local Advisor Co-Chair, AMCIS (Americas Conference on Information Systems) 2024

Weber State University

- Department Chair, School of Computing, 2018 – 2020
- 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 Ad Hoc 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)

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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