

# 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 ~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 Experience**Brigham Young University

IS 201 – Introduction to Management Information Systems

IS 402 – Database Systems

IS 413 – Enterprise Application Development

IS 405 / 562 – Project Management

MSB 430 – Intro to International Business

IAS 201R – Cultural Survey

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)

**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