

# JOSHUA HAWS

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## EDUCATION

### Master of Information Systems Management

April 2017

Brigham Young University, Provo, UT

Overall GPA 3.42/Major GPA 3.71

- Clubs: Association for Information Systems, VP of Logistics; User Experience Design, Treasurer; yHack; ITsec
- Scholarships: Utah System of Higher Education Regent Scholarship, Ella M Herman. Scholarship, BYU Grant

## EXPERIENCE

### Software Engineer

September 2017 – Present

Capital One, Dealer Services, Plano, TX

- Developing an automated self service portal for Capital One employees to scan applications for security vulnerabilities and display reports. The technology stack for the project is **MongoDB, Express.js, Angular, Node.js**, and **AWS**.
- Implementing design specs using **Angular, HTML, CSS, JavaScript**. Improving user experience and key metrics through analytics and a/b testing with Adobe Marketing cloud. Ownership of **accessibility** and **unit testing** for internal and external products.
- Created custom analytics dashboard for business analyst using **Python** and **Django** for backend with **Angular** for the frontend using JavaScript graphing libraries like **D3** and **Plotly**.

### Software Engineer

November 2016 - September 2017

Jarvis Ventures, Sahara Development, Provo, UT

- Full stack development at dev shop building applications for a variety of different clients using **Ruby on Rails, Heroku, React.js, and MySQL**.
- Created email polling system and account preferences features for Olumo product using **AWS SES, Ruby on Rails, HTML, CSS**.

### Software Engineer Intern

June – August 2016

Capital One, Information Security and Risk Management, Plano, TX

- Developed a modular tool for analyzing big data and access logs to help detect insider threat using **Apache Spark, Cassandra, Angular.js, Node.js, Express.js, C3.js**.
- Used **machine learning** to help determine anomalies within active directory activity and create a user risk score.

### Web Developer – Lead Student

July 2014 – May 2015

Brigham Young University, Continuing Education, Provo, UT

- Developed self service web application with **HTML** and **JavaScript** enabling over 200 internal clients to generate templates for marketing emails
- Created and managed web pages and applications using **PHP, MySQL, SQL, HTML, CSS, JavaScript, JQuery**, and **D3.js** for websites with 25,000 regular viewers

### Volunteer Representative

September 2010 – September 2012

The Church of Jesus Christ of Latter-day Saints, San Pedro Sula, Honduras

- Conducted weekly training meetings, giving 90-minute instruction to 16-20 volunteers that motivated and improved their performance as volunteer representatives
- Organized community service activities for families in need on a weekly basis

## ACHIEVEMENTS

- 1<sup>st</sup> Place - 2016 AIS International Student Security Competition – Lead a team to create an all-encompassing security solution for a fictional insurance company including hardware, software, data communication, and security policies
- 1<sup>st</sup> Place - 2015 AIS International Student Security Competition – Created a security policy that outlined **business controls** and **policies** that would mitigate the possible threat of an attack on a fictional financial services company
- Certifications: AWS Solutions Architect Associate
- Eagle Scout, *Boy Scouts of America*

## PERSONAL

- Bilingual in Spanish and English
- Competed in Red Rock Relay, Teton Dam Half Marathon, Thanksgiving Point Half Marathon
- Enjoy skiing, cooking, reading inspirational books, and basketball