

JOSHUA HAWS

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EDUCATION

Master of Information Systems Management

April 2017

Emphasis in Security and Forensics

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

Associate Software Engineer

September 2017 – Present

Capital One, Application Security, 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**.

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**.
- Participated in planning and management of client projects, by assessing client needs and prioritizing work to be done on weekly sprints.

Cybersecurity 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

- Saved over \$22,000 by developing a **HTML and JavaScript** web application enabling over 200 internal clients to generate their own html files for marketing emails
- Improved project turnaround time by 50% through leading team efforts and the implementation of **Workfront** project management software
- 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

- 1st 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
- 1st 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: CompTia Security+, CompTia Network+, 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