

ANDREW SANFORD

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EDUCATION

BS & MS Information Systems Management | Brigham Young University, Marriott School of Management

Provo, UT | Apr 2018

- **Courses:** Information security management, PhD prep, project management, machine learning/AI, accounting fraud prevention/detection, full-stack web development, data structures & algorithms, and digital forensics
- **Capstone Project:** Ahjax – Ethical Hacking Tutorials (<https://ahjax.com/tutorials>)
- **GPA:** 3.53

EXPERIENCE

Information Security Compliance Analyst 2 | The Church of Jesus Christ of Latter-day Saints

Riverton, UT | May 2018 - Present

- Identified need for trainings on various regulations (GDPR, PCI, HIPAA, etc.)
 - Proposed, and got approved, an internal training project, which includes comprehensive knowledge bases
 - Asked by leadership to present my GDPR training in Oct. 2018 at SORT, an internal tech. conference
- Contributing to strategic- & manager-level, security initiative plans & meetings
- Proactively demonstrated how machine learning can benefit our team and found ways to implement it
 - e.g., accurately predict when workload will be high
- Recognized need for our team to understand and then mapped out the organization's complex hierarchy

Security Analyst | RiskRecon

Salt Lake City, UT | May 2017 – Jan 2018

- Developed 14 employee training modules (videos, quizzes, etc.) from scratch
- Completed third-party risk questionnaires for potential customers
- Ran security risk analysis on dozens of companies/week

Risk Advisory Intern | EY (formerly Ernst & Young)

Salt Lake City, UT | Jun 2016 – Aug 2016

- Interviewed the CIO of a multinational client on the client's cybersecurity and privacy policies and identified areas where EY could offer additional services
- Determined on several national clients that their authorization and authentication policies were performing as intended and complied with various government regulations
- Independently identified and then worked with senior manager and partners to arrange meetings between EY and a potential new client

SKILLS & AWARDS

- 2nd Place in International AIS Student Cybersecurity Competition (Spring 2017)
- ORCA Research Grant Recipient (Fall 2016)
 - Research featured on the front page of the BYU Marriott School of Management's website in June 2018
- CompTIA Security+ Certified
- ACE Certified Forensics Examiner
- Conversational Spanish

SCHOLARLY PUBLICATIONS

“Improving Fraud Detection by Auditors via Integration of Cybersecurity Principles”

Andrew Sanford, Conan Albrecht | Journal of Undergraduate Research – Brigham Young University, May 2018

“A Better Understanding of the Wells Fargo Fraud: Through the Lens of the Fraud Triangle”

Chad Albrecht, Conan Albrecht, Andrew Sanford, Victor Morales Rocha | Journal of Cost Management, Nov/Dec 2017

CONFERENCE PRESENTATIONS

- *Submission Approved: Oct. 2018 | SORT, “The GDPR: A Comprehensive Overview & Its Impact on the LDS Church”*
- March 2018 | President’s Leadership Council (BYU), “Improving Fraud Detection by Auditors via Integration of Cybersecurity Principles”
- April 2017 | AIS SCLS, “Introduction to Cybersecurity and Hacking”

VOLUNTEER WORK

Web Developer | The Forever Bear Foundation

Pleasant Grove, UT | Oct 2014 - Present

- Rebuilt charity’s website (<https://foreverbearfoundation.com>) and created social media accounts, all of which have helped increase donations to the point where our needs were filled for nearly two years

Founder and Web Developer | SecureFamilies.org & IntrotoSecurity.com

Salt Lake City, UT | Jan 2018 - Present

- Created two websites as free, public resources
- The websites help people understand, in layman’s terms, the:
 - Cybersecurity risk landscape
 - Major online risks children and adolescents face; and
 - Realistic solutions to mitigating those risks
- Provides resources (some I created) to teach individuals how to become ethical hackers

Co-founder and Engineer | OAFD

Provo, UT | Jan 2018 - Present

- OAFD was founded in an effort to increase the awareness and use of analytics in fraud detection
- Created organization’s website (and logo) using Ruby on Rails
 - Learned Rails and built site in three weeks
- Founded organization with Dr. Conan Albrecht of BYU

Vice President & VP of Finance | BYU Developers Club

Provo, UT | Jan 2017 – Sep 2017

- Managed over \$30,000 in assets
- Identified need for better organization and proactively organized and managed a project to make the club organized

Representative | The Church of Jesus Christ of Latter-day Saints

Orlando, Florida | May 2012 – May 2014

- Trained a new volunteer for three months on how to be an effective volunteer and speak Spanish
- Taught, in individual classes, multiple people how to speak English