

A. Information Technology

(801) 899-9091 · a.information_tech@gmail.com

Provo, UT 84604

www.linkedin/in/a.informationtechnology/

EDUCATION

Bachelor of Science: Information Technology

April 2020

Minor: Business Management

Provo, UT

Brigham Young University

- 3.44 GPA

SKILLS

- **Proficient:** Python, Elastic Search, Kibana, Flask, PHP, HTML, CSS, Bootstrap, PowerShell
- **Moderate:** NodeJS, JavaScript, Swift, C++, C#
- **Familiar with:** Adobe XD, Solar Winds, Pager Duty, Salt, Postman, XCode, Android Studio, VMWare, Sublime, Visual Studio

EXPERIENCE

Microsoft Azure Kubernetes Services

September 2019 – Present

Brigham Young University, Senior Capstone Project

Provo, UT

- Designed and implemented open-source Azure Kubernetes services by collaborating with industry mentor and two Microsoft employees
- Built reporting tool using the Helm 3 SDK to give visual representation if packages installed in a cluster can be updated increasing reporting speed by 15%
- Created GUI to manage entire lifecycle of an application installed for cloud native application bundles
- Developed dashboard with aggregate statistics and insightful metadata gathered from cloud native application bundles in system

Network Reliability Engineer Intern

May 2019 – Present

ABC Engineering

Lehi, UT

- Facilitated infrastructure as code by critiquing tooling, automation, and standardization efforts in under 5 hours
- Constructed internal tools to validate IP block availability with Python, Flask and ARP table entries
- Updated current systems and virtual machines to maintain 100% security compliance
- Collected, manipulated and presented data from load balancing platforms, switches and routers to provide 27 managers visibility into resource usage across organization for better resource allocation

System Administrator

September 2018 – May 2019

Brigham Young University, IT Department

Provo, UT

- Secured and maintained 100+ computers and on-site servers to ensure student academic success
- Automated active directory processes with PowerShell and Python scripting to streamline student on-boarding processes
- Managed over 300 student and faculty accounts using Windows Active Directory

QA Engineer Intern

May 2018 – August 2018

DEF Inc., Development Operations

Orem, UT

- Wrote integration, unit, and user-interface tests in XCode and Postman for IOS application
- Identified and ticketed 300+ application bugs, including security vulnerabilities to improve production time
- Processed 50+ external bug reports, eliminated duplicate reports, and translated reports into clear documentation

COMMUNITY SERVICE

- Director of Communications
- Community Service Volunteer/Mentor
- BYU Information Technology Student Association
- Women in Engineering and Technology (WE)