MCKAY
SMALLEY

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EXPERIENCE

Software Tools Engineer | Intel Security/McAfee
AUG 2016 – JULY 2017
- Built and maintained a Rails application to automate setup of large environments for continuous deployment.
- Created an AngularJS front end for Rails backend application.
- Built testing environment with Docker for automated test runs and development of automated tests.
- Converted and updated many automated tests.
- Automated regression and integration tests.

Software Engineer Intern | Intel Security/McAfee
SEP 2015 – DEC 2015
- Created TV Dashboard application that displayed up-to-date information on TV's around the office and used our LDAP servers for authentication that allowed employees to post messages.
- Created Docker images to automate runs of unit tests on different frameworks.
- Installed and Setup KVM controllers in the office development lab.

Front End Developer | BYU-Idaho
APR 2014 – SEP 2015
- Updated old pages to be mobile responsive using Bootstrap 3.
- Redesigned the entire financial aid web site.
- Maintained iOS and Android apps for the financial aid department.

SKILLS

- Ruby/Rails
- AngularJS
- Git/GitHub
- MySQL
- Docker
- Linux

EDUCATION

Bachelors of Science in Computer Science | Brigham Young University - Idaho
SENIOR PROJECT

The focus of this project was image processing, with an application of license plate recognition. This project utilized a number of python libraries to implement pre-processing algorithms to recognize individual characters.

GIT COUPLED

This Java Web application won a competition for best overall web application. It uses OAuth authentication to integrate with a user's GitHub account, and matches users based off of their 'love languages' and allows them to send messages to each other.