Brandon Jorgenson

(951) 224-7729 · brandontjorgenson@gmail.com · github.com/brandon-jorgenson

Education

Brigham Young University — Sep 2015 - Dec 2021
B.S. Computer Science — GPA: 3.82

Work Experience

Instructure — May 2021 - Aug 2021
Software Developer Intern

- Planned, developed, documented, and deployed an internal API and frontend application that receives and forwards thousands of emails a day
- Wrote the API in Golang and secured it with Okta OAuth 2.0, developed with Docker, and deployed with AWS Controllers and Kubernetes
- Migrated an application from an internal deployment system to Jenkins

FamilySearch — May 2020 - April 2021
Software Developer Intern

- Designed and ran multiple Apache Spark programs on AWS EMR and analyzed over one billion records
- Created automated dashboards using Splunk Summary Indexes in order to quickly view system load and trends over long periods of time
- Crafted Splunk queries to investigate logs and fix 5XX errors

BYU Kennedy Center — Apr 2019 - Dec 2019
Web Developer

- Documented and decreased the size of dozens of PHP and Javascript files to increase maintainability
- Coordinated over email and phone with external organizations to test and update two Javascript APIs

Spring Creek Elementary — Jan 2019 - Mar 2019
After School Coding Instructor

- Prepared and taught Code.org lesssons twice a week to 4th-6th graders
- Consulted weekly with supervisor and online resources to improve teaching methods and lesson retention

Skills

Languages (Proficient):	Java, Golang, SQL
Languages (Prior Experience):	Python, C/C++, PHP, Javascript
Technologies:	AWS, Docker, Kubernetes, Git, Apache Spark

Projects

Rate My Professor Chrome Extension

- The extension dynamically modifies the DOM with Javascript to display BYU professor ratings with information from the RateMyProfessor API
- Distributed on the Chrome Web Store with a 5-star rating and over 3000 users