

BRANDON JORGENSEN

(951) 224-7729 · brandontjorgenson@gmail.com

EDUCATION

Brigham Young University

B.S. Computer Science

Sep 2015 - Dec 2021

GPA: 3.82

WORK EXPERIENCE

Instructure

Software Developer Intern

May 2021 - Aug 2021

- 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

Software Developer Intern

May 2020 - April 2021

- 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
- Investigated Splunk logs in order to diagnose and fix 5XX errors

BYU Kennedy Center

Web Developer

Apr 2019 - Dec 2019

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

Spring Creek Elementary

After School Coding Instructor

Jan 2019 - Mar 2019

- Prepared and taught Code.org lessons 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