BRANDON JORGENSON

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EDUCATION

Brigham Young University – Provo   Sep 2015 – Dec 2021
B.S. Computer Science   GPA: 3.82

WORK EXPERIENCE

Instructure   May 2021 – Aug 2021
Remote Software Developer Intern

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

FamilySearch   May 2020 – April 2021
Remote Software Developer Intern

- Designed and ran Apache Spark programs on AWS EMR to analyze over one billion records
- Built automated dashboards using Splunk Summary Indexes in order to quickly view system load and trends over varying time spans
- Formulated 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 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

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

- Dynamically modified 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