

Cory Swainston

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EDUCATION

B.S. Software Engineering

Graduation December 2019

Brigham Young University – Idaho

Rexburg, ID

- 3.9 GPA, Vice President – Association of Computing Machinery
- Data Structures, Software Design and Development, Full-Stack Web Development, Databases, Backend Web Engineering, Calculus, Entrepreneurship, Web Business

WORK EXPERIENCE

Teaching Assistant, Web Engineering II

September 2018 – Present

Brigham Young University – Idaho

Rexburg, ID

- Evaluate student mastery of material (PHP, Node, Heroku) by grading weekly projects
- Encourage and educate students with grading feedback and regular online interaction

Software Development Intern, Retail Tech

May – August 2018

Walmart Labs

Bentonville, AR

- Worked with a group of interns to develop a mobile application for warehouse managers
- Utilized Angular 4 and Ionic framework to develop a reliable cross-platform experience
- Communicated effectively with several teams, including associates in India, to obtain necessary information for the planning, design, and implementation of the project

Software Development Intern, Platform

August – December 2017

FamilySearch

Salt Lake City, UT

- Collaborated with a team of eight engineers to develop and maintain platform provisioning and auditing services for Amazon Web Services, primarily using Java
- Learned industry tools and practices by experience, including Git and agile development
- Wrote unit and acceptance tests to ensure code is high quality and meets requirements

Tutor and Lab Assistant

March 2016 – July 2017

BYU-Idaho Tutoring, CS Help Center

Rexburg, ID

- Taught principles of object-oriented programming and data structures in using C++
- Empowered students by helping them develop better study and research habits, enabling them to solve complicated programming problems on their own

PROJECTS AND SKILLS

github.com/coryswainston

Java/Android

1.5 years experience

- *Lexiglass* – Detects text in an image, then allows the user to select words to define them. Uses Google OCR and Oxford Dictionary API, JSON parsing, camera integration
- *Llama Lland* – An original game using native Android views. Demonstrates knowledge of Java threading, inheritance, polymorphism, along with basic animation

Web Technologies (Node, EJS, Angular, CSS)

1-2 years experience

- *The Sosh Mede* – A social media aggregator written in Node and EJS, hosted on Heroku