

Arotoa Anderson

github.com/arotoa • linkedin.com/in/arotoa

EDUCATION

Brigham Young University

April 2024

Bachelor of Science: Computer Science, Emphasis in Software Engineering

Provo, UT

- Currently enrolled in senior core
- Relevant Coursework: Testing and Verification, Database, Data Structures, Web Development, Algorithm Design and Analysis, Android Application Development, Software Architectural Principles

EXPERIENCE

BYU Brand & Creative

November 2022 - Present

Web Developer

Provo, UT

- Maintained websites that receive more than 8 million viewers per year
- Utilized PHP, HTML, CSS, Javascript, Docker, and Wordpress
- Developed and updated custom themes for Wordpress

FamilySearch

May 2023 – September 2023

Backend Software Engineer Intern

Lehi, UT

- Migrated a legacy system that handles a billion API requests a day to SpringBoot
- Created a tool that produced a snapshot of the remote database to be run on a local machine
- Discovered and implemented solutions to improve performance of 4 systems
- Implemented essential business logic to ensure the integrity of the database

BYU Office of Information Technology

September 2021 - November 2022

Computer Technician

Provo, UT

- Provided computer support to over 500 full-time and student employees
- Trained and led 4 other student CSRs to improve their efficiency in resolving technical issues
- Diagnosed and resolved different hardware and software issues to decrease worker downtime
- Implemented a new inventory system affecting over 800 items

PROJECTS

Solr Master

- Eliminated the need for a 40 minute outage in production with every update
- Created tests that caught multiple bugs during the development stage
- Produced documentation describing the steps and processes used to avoid outage

Family Map App

- Developed a full-stack Android application using Java and XML
- Created a backend server in Java to receive HTTP requests from clients
- Displayed a geographical view of a person's family history

SKILLS

- | | | |
|--------------|-------------------|-------------|
| ▪ Java | ▪ Agile Practices | ▪ Git |
| ▪ SpringBoot | ▪ PostgreSQL | ▪ C++ |
| ▪ Python | ▪ HTML | ▪ C |
| ▪ JavaScript | ▪ CSS | ▪ Docker |
| ▪ AWS | ▪ PHP | ▪ Wordpress |

VOLUNTEER EXPERIENCE

Full-Time Representative

May 2019 - May 2021

The Church of Jesus Christ of Latter-day Saints

Buenos Aires, Argentina & Lansing, Michigan

- Became fluent in Spanish within 4 months
- Organized and led a weekly training to improve effectiveness for 30+ young adults
- Managed a Facebook page with 4000+ followers
- Designed and posted ads on Facebook and Instagram