Brayden Brown

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Objective

Hardworking and passionate developer, eager to delve into software engineering practices and applications, seeks opportunities to collaboratively solve problems with software.

Education

B. S. Computer Science
- Oregon State University - Cascades, Bend OR, 2019-2022

Associates of Arts
- Wenatchee Valley College, Wenatchee WA, 2017-2019

Projects

High Desert Food and Farm Alliance Directory
- A web based directory to easily search for and find local food sources.
- Partners submit their information and get mapped on the website for users to easily find them.
- Rails 5 web application developed with Postgres as a database, AWS for storage, and Geo-mapping for localization and searchability.
- Unit testing and end-to-end test coverage with minitest.

Central Oregon Community Organizations Active in Disaster
- An application for disaster resource allocation and service system that puts people in touch with agencies that can help them in times of need.
- Rails 5 application built with Postgres.
- System and unit end-to-end testing using Rspec.
- The project involved writing a complete test suite for a legacy system.

Rugged Thread ticketing system
- A full-stack Ruby on Rails application with Postgres, deployed to Heroku
- Production repair and work order tracking system from paper to virtual
- Developed in weekly sprints as part of a small team in collaboration with the client
- Rails 7, system and unit testing with minitest.

Skills, Tools & Methodology

Git, Ruby, Ruby on Rails, MVC frameworks, Rspec, HotWire, RESTFul Api's, AWS Services, Docker, Golang, NSQ, Javascript, Python, Java, C, Google Colab, SQL Server, Postgres, Heroku, HTML, CSS, Jira, Basecamp, Jupyter Notebook

Work Experience

Software Engineering Intern, Abbott Labs.   Bend Oregon   July 2021-Present
- Implemented multi-layered system architecture.
- Generated json using jsonnet for architecture service configuration.

Covid Testing Employee, Lifeline   Wenatchee Washington   November 2020-January 2021

- Fostered a welcoming environment for Covid-19 testing
- Aided in traffic control and registration

Developer Intern, Giga-Watt Inc.   East Wenatchee Washington   May 2017-November 2018
- Developed and designed a temperature sensor system from scratch to monitor and model environmental factors affecting cryptocurrency miners
- Designed Python, PHP, SQL, and HTML code, implemented code with a Raspberry Pi as a medium, and collaborated with peers

Volunteer Work

Boys and Girls Club of Bend, Bend Oregon, 2019:
- Helped youth with homework in the learning center and followed staff given directives.