Chris Miraflor

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OBJECTIVE STATEMENT: Computer Science graduate seeking to collaboratively build projects with over a year of full-stack development and systems programming experience in deployed software. Offers interpersonal skills from previous work leading and cooperating with distributed teams on web-based projects.

EDUCATION

B.S. Computer Science, Oregon State University   **June 2022**

- GPA: 3.56 / 4.0, Honor Roll Fall 2020 – Winter 2022, Cum Laude
- Relevant Coursework:
  - Cloud Development – Implemented web applications using Ruby on Rails and Node.js using AWS, including a river restoration tracking web app deployed to 64 organizations across 13 states.
  - Machine Learning & Data Mining – Conducted research project for using 3D rendered images to augment real-world training data for computer vision in TensorFlow.
  - Statistics – Developed understanding of statistics through applied projects with R, including cleaning and manipulating datasets.

TECHNICAL SKILLS

Advanced: C/C++, Dart (Flutter), Databases (SQL), JavaScript (ReactJS), Python (PyTorch, TensorFlow), Ruby (Rails)

Intermediate: Hadoop, Haskell, Java, MATLAB, Networking, R, Rust, Systems Programming

EXPERIENCE

Software Developer, Eco-Logical Research   **September 2021 – June 2022**

- Designed and integrated front-end interactive map interfaces tracking ~175 miles of river restoration projects throughout 13 states with a back-end PostgreSQL database.
- Developed location-specific data analysis using GIS data to interface with user data.
- Implemented HTML + CSS + JS interface for user-uploaded photos to be stored and manipulated in AWS.
- Collaborated to implement comprehensive testing suite in RSpec for the front-end and back-end of a Rails application.

Health Services Officer, Commissioned Corps of the U.S. Public Health Service, CMS   **June 2021 – September 2021**

- Led design of 5 comprehensive end-to-end testing suites in Cypress for the eAPD project, a digital form for funding requests using ReactJS as the front-end framework.
- Managed sub-team of 2 in developing end-to-end test suites for filling out ~50-100-page forms with output verification; assisted overall development team with finding bugs.
- Reviewed 6 Advanced Planning Documents (APDs) for funding requests from Connecticut and Delaware, providing continued funding for Medicaid programs with budgets up to $52,602,453.

IT Support, Warm Springs Health & Wellness Center   **July 2018 – August 2018**

- Collaborated with staff to install and deploy support equipment and systems for 50 workstations in local staff network of over 100 Indian Health Service and Tribal personnel.
- Wrote patient profiles and treatment information for the clinical laboratory department that processed over 5,000 patients yearly.