Rodrigo Trejo Contreras

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Education

University of North Carolina at Charlotte – B.S. Computer Science   **May 2017**
Minor: Mathematics
GPA: 3.57/4.0

Gaston College – Associate in Science   **May 2014**
GPA: 4.0/4.0

Frameworks/Languages

Frontend – JavaScript (ES6, TypeScript) - React, Redux
Backend – Java - Spring Boot, Hibernate
Database – PostgreSQL, Oracle
Developer Tools – Visual Studio, Spring Tool Suite, Eclipse, Git, Jira, GitLab
Mobile – Android SDK

Experience

Prometheus Group – Associate Web Developer

Sep 2017 - Current

- Regularly take part in multiple software development phases such as requirement gathering, design, development, and code review.
- Interact directly with clients and/or project managers to gather requirements used to deliver high quality software solutions on time with minimal supervision.
- Debug existing code to improve performance and identify/solve functional problems in the frontend, backend, and database portion of the application.
- Design and develop core and customer-specific functionality with scalability and ease-of-use in mind:
  - Carefully consider existing code to build new functionality without the introduction of bugs.
  - Build new frontend components (React) and connect them to the current application state (Redux).
  - Build new endpoints and relevant entities on the backend to support the new functionality/actions (Spring).
  - Write relevant migration files to update the database schema (PostgreSQL).
- Write and debug complex SQL queries to improve application performance.
- Take on new responsibilities and roles based on team and company needs.

UNC Charlotte – Android Developer

Jun 2017 – Sep 2017

Worked as an Android Developer for NatureNet, a research project that is using mobile applications to explore the impact of these applications on environmental citizen science initiatives. Available on web, iOS, and Android.

- Provided frequent updates to the application based on design ideas crowd-sourced by end users.
- Collaborated with the rest of the development team on how best to implement new features on three platforms.
- Modified the database schema to allow for the implementation of newly requested features and other back-end related features such as push notifications, welcome emails, etc.