

# Charles Bonoan

Junior Software Developer at General Motors

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<https://cbonoan.com> • <https://github.com/cbonoan> • <https://www.linkedin.com/in/cbonoan/>

## Education

### **CALIFORNIA STATE UNIVERSITY OF BAKERSFIELD**

Bakersfield, CA

B.S, Computer Science, 3.41 GPA

Graduated: May 2021

**Relevant Coursework:** Data Structures and Algorithms, Algorithm Analysis, Database Systems

## Experience

### **GENERAL MOTORS**

#### **Junior Software Developer**

**January 2022 - Current / Remote**

- Maintained and debugged code that supported the infotainment system of over 9 million vehicles, which was implemented in Java and used the Spring Boot framework.
- Created automated regression tests using Python's pytest framework and created tests for over 100 API endpoints with over 90% code coverage.
- Created new UI features as well as repaired UI bugs to the Admin frontend website which was implemented using the Angular framework thus improving user experience.
- Developed new code under the scrum framework and following Agile methodologies.

### **PROSOFT TECHNOLOGY INC.**

#### **Software Engineering Intern**

**May 2020 - August 2020 / Bakersfield, CA**

- Built an automated pipeline using Jenkins that compiled and built the project's source code which reduced build time by 30%.
- Programmed unit tests using Python that were fired off after the project was built which then generated an overall report.
- Organized well documented steps to run pipeline as well as troubleshooting steps for any issues that may arise while running the automation.

## Projects

### **CSE MEDICAL TRANSPORT WEBSITE (Personal Project)**

**October 2021**

- Upgraded a website for a local business using Mongo, Express.JS, React.JS, and Node.JS (MERN) causing an increase of user traffic by 45%.
- Designed the frontend using Figma as well as tested the APIs using Postman.
- Used PyTest and Selenium to test the functionality of the website from frontend to backend.

## Skills

**Technical:** Python | HTML | CSS | Javascript | Typescript | React.JS | Bootstrap | Git Version Control | Github

**Interests:** Web development | Frontend development | Backend development | Full-stack development