

# Charles Bonoan

Aspiring Software Developer with experience in Python, C++, JavaScript, Java, and web development.

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

## Education

### California State University of Bakersfield

Graduated: May 2021

B.S. Computer Science

GPA: 3.32

**Relevant Coursework:** Data Structures, Algorithm Analysis, Database Systems, Artificial Intelligence, Operating Systems, Computer Networks, Theory of Computation

**Technical Skills:** C++ (4yrs), Python (3yrs), Java, HTML5, CSS, Javascript, Node.js, Git, Jenkins, Visual Studio Code

**Frameworks:** React.js, Express.js, Bootstrap, Flask

**Databases:** Mongo, MySQL, PostgreSQL

## Experience

### ProSoft Technology Inc., Bakersfield, CA Software Engineering Intern

May 2020 - August 2020

- Used **Python** and **Jenkins**, automated the company's builds which took an employee an hour to an hour and a half to complete the job which now takes 20-30 minutes to complete with automation.
- Automated ProSoft's software testing of several tests using **Python** which then generated a report after tests were completed.
- Documented steps needed to run the automation as well as where to find output files after automation completed.
- Tools used/learned **Python, Pandas, VMWare, Jenkins**

### CSUB Student Recreation Center, Bakersfield, CA Student Manager

January 2019 - May 2021

- Manage a staff of about 10-15 people at a time while also making sure participants are following policies.
- Offer assistance to my staff to make sure tasks are completed efficiently.

## Projects

### CSE Medical Transport Website, Personal Project

October 2021

- Web application developed using the MERN stack and hosted on AWS EC2 cloud service.
- Users are able to schedule a transport, give feedback, and apply on this web application.
- Built with **MongoDB, Express.js, React.js, Node.js**
- Deployed on **Amazon Web Services EC2**

### Mind Sanctuary, Group Project

May 2021

- For my Senior project, my teammates and I created a web application that would recommend various things (books, recipes, hobbies) to help combat poor mental health.
- My main contribution was developing the front-end and backend as well as maintaining the Github repository and reviewing pull requests.
- Built with **HTML, CSS, JS, Bootstrap, Python, Flask**
- Deployed on **Amazon Web Services EC2**

### Invoice Automation, Personal Project

June 2020

- Created an application that allowed my family's business's invoices to be created with automation.
- Used Python's Pandas and Selenium library to read data from a spreadsheet that then used the data to create invoices to be sent out to customers.
- Built with **Python, Selenium, Pandas**