Bingrui Guo

U.S. Citizen   **Email:** bguo9894@gmail.com | **Mobile:** (510) 705-2426

Location: San Diego, CA   **LinkedIn:** linkedin.com/in/bguo98/ | **Portfolio:** github.com/b7guo

Education

Bachelor of Science in Mathematics & Computer Science
University of California - San Diego   2019 – June 2022

Relevant Coursework

Advanced Data Structures and Object-Oriented Design, Design & Analysis of Algorithm, Software Engineering, Discrete Mathematics, Math/Algorithm & Systems Analysis, Theory of Computation, Programming and Computational Problem-Solving, Introduction to Analog Design, Circuits and Systems, Web Development.

Experiences

Software Developer Intern - Fujian Newland Technology Co., Ltd., China
Aug. 2019 – Sep. 2019

- Deployed a Linux virtual private server.
- Design a program using C++ to control a bar code camera reader, achieving zoom in/out, focus, and such features.
- Learning the basics of machine learning using OpenCV with bar code, facial recognition.

Web Developer - RichIT International LLC. Richmond, California
Jun. 2017 – Oct. 2017

- Rebuild the company's website with HTML5/CSS, improving user experience and compatibility.
- Hosting the website using the Google cloud platform and updates over time.

Programming Projects

SPATCH RECIPE

https://fervent-goldberg-7618a0.netlify.app/

Software Engineering course group project resulted in a recipe web app. Designed to help college students manage their meal plan and a dedicated detailed recipe page with a timer for cooking instructions.

- Team Lead. Responsibilities include hosting meetings, distributing tasks, etc.
- Developed with Agile process.
- Tech stack including JavaScript DOM, Web APIs, Unit & E2E Testing with jest-puppeteer, etc.
- Version control using Git.

Coding Languages

C++

HTML5/CSS/JavaScript

Java

Python

Framework

Express

React Native

Node.js

Database

MongoDB

System

Linux/Unix

Mac OS

Windows

Tools

Git

Visual Studio Code

Postman

Docker

Languages

Mandarin - Native

English - Native

Japanese - Intermediate