

# BAO LUONG

West Covina, CA | Willing to Relocate  
720-299-1002 | [bnluong@uci.edu](mailto:bnluong@uci.edu) | [bnluong.github.io](https://bnluong.github.io) | [github.com/bnluong](https://github.com/bnluong)

## EDUCATION

### University of California - Irvine

Bachelor of Science in Computer Science; GPA:3.57

Irvine, CA

09/2017 - 12/2019

## EXPERIENCE

### Freelance Web Developer

01/2022 – 06/2022

Freelance

Remote, U.S

- Designed and developed custom and scalable web applications in accordance with clients' requirements
- Worked closely with clients to provide and receive feed backs while in development
- Researched and consulted clients on the best possible hosting solutions to meet their needs
- Developed responsive and dynamic SPA websites from scratch using TypeScript, Next.js, React, and Tailwind CSS
- Provided back-end solution for clients to easily manage websites' contents via headless CMS such as Sanity.io

## PROJECTS

### Patientor (2022) | JavaScript, TypeScript, React, Redux, TailwindCSS, MongoDB, Express, Node

- Developed a medical record storage system using the MERN stack
- Built specified REST APIs to serve data to the front-end with Express and MongoDB
- Front-end featured a clean and simple interface using React and SemanticUI
- Managed complex state using Redux
- Utilized TypeScript for both front-end and back-end to ensure type compatibility and ease of development

### React Portfolio (2021) | React, TailwindCSS

- Designed and developed my responsive personal website from scratch using React and Tailwind CSS
- Utilized API calls with EmailJS and Google reCAPTCHA
- Streamlined development and deployment using a CI/CD pipeline with GitHub Actions

### Buy-a-Movie (2020) | Java, MySQL, Tomcat, JavaScript, HTML, CSS

- Designed and developed a full-stack e-commerce website that sells movies featuring browsing, searching, shopping cart, check out, login, create account, and database authentication
- Utilized Micro-services architecture to achieve front-end back-end separation
- Built specified API endpoints using Java and MySQL
- Optimized SQL queries to increase the API's response time by more than 100%
- Implemented CRUD operations for shopping cart using AJAX calls to back-end APIs
- Featured a simple, intuitive, minimalistic, and responsive design front-end

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL (MySQL), JavaScript, TypeScript, HTML/CSS

**Frameworks:** React, Redux, Next.js, Node.js, Express, TailwindCSS

**Developer Tools:** Git, VS Code, Visual Studio, Eclipse