

Bao Luong

CA, U.S.A
* U.S. Citizen
* Willing to relocate

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EDUCATION

University of California: Irvine, Irvine CA
B.S in Computer Science, 3.57 GPA

December 2019
Dean's Honor List

RELEVANT EXPERIENCE & PROJECTS

React Portfolio (2021) *JavaScript (ES6), CSS, Responsive Design*

<https://github.com/bnluong/my-react-portfolio>

- Designed and developed a single page website using **React JS** framework and **Tailwind CSS**
- Utilized **API** calls with **EmailJS** and Google **reCAPTCHA**

Buy-a-Movie (2020) *Java, HTML/CSS/JS, JQuery, MySQL, REST API*

<https://github.com/bnluong/buy-a-movie>

- 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
- Built specified **REST API** backend using **Java EE** and **MySQL**
- Featured a simple, intuitive, minimalistic, and responsive design front-end. Built with **HTML5**, **CSS3**, **JS**, **JQuery** and **Bootstrap** framework
- Implemented **CRUD** operations for shopping cart using **AJAX** calls to back-end **APIs**
- Utilized **Microservices Architecture** via **REST** to achieve front-end back-end separation

Nightmare Survivor (2019) *C#, Unity*

<https://github.com/Arma15/BestGame>

- Designer and programmer in a **team** which functioned as an indie game studio
- Developed a prototyped 3D, first-person computer game in which players' nightmares manifest and become reality
- Utilized **Agile** methodology during development with the use of **Sprint**

LIDAR Filter (2019) *C++, CMake, OOP*

<https://github.com/bnluong/LIDAR-filter>

- Developed a set of filters to reduce noise in data collected by LIDAR sensors using **C++11**
- Utilized **OOP** principles in design and implementation

Simple Search Engine (2019) *Python, NLTK, Web Scraping, OOP*

- Developed a simple search engine that performs web crawling, indexing, and retrieving over a static corpus using **Python3**
- Performed natural language processing techniques with the use of **NLTK** library
- Utilized **Object Oriented Programming** design and implementation

SKILLS

Technical Skills

- Languages: Java, C, C++, Python, SQL, JavaScript, HTML, CSS
- Frameworks: React JS, Tailwind CSS, Bootstrap, JQuery
- Tools: Linux, Eclipse, VS Code, Git, MySQL, Maven, NPM, Apache Tomcat

Personal Skills: Fast learner, Hardworking, Team player