

# Eric Wong

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## SKILLS

- JavaScript | Node | Express | React | Redux | Python | Flask | SQL | Ruby | HTML | CSS | Git
- Mocha | Chai | Pytest | Unit Testing | OOP
- Frontend | Backend | Full-Stack | English, Chinese (Mandarin), Chinese (Cantonese)

## PROJECTS

### **ALGORITHMS DEMO** | WEBSITE, GITHUB

Sep 2020 | Richmond, CA

- Built a React application to demonstrate and visualize sorting and searching algorithms.
- Implemented Quick Sort, Merge Sort, Insertion Sort, Selection Sort, Bubble Sort, Binary Search, and Linear Search.

### **BATTLESHIP** | WEBSITE, GITHUB

Jun 2020 | Richmond, CA

- Built a battleship game using JavaScript, implementing DOM manipulation for visual feedback.
- Hosted on Heroku with Node.js buildpack.

### **FBACALCULATOR** | ANDROID APPLICATION

Dec 2015 | Richmond, CA

- Developed a unique android application with Java, and XML to calculate fees associated with sales using Amazon FBA.
- Achieved 150+ sales on the Google Play Store.

## EDUCATION

### **APP ACADEMY**

Jan 2022 – Sept 2022

- Immersive Full-Stack Software Engineering Program
- Coursework and Projects: github.com/ericwongcv/AA-V2

### **UNIVERSITY OF CALIFORNIA, DAVIS**

Aug 2011 – Dec 2015 | Davis, CA

- Bachelor of Science, Aerospace Science and Engineering
- Bachelor of Science, Mechanical Engineering

## EXPERIENCE

### **FRESENIUS MEDICAL CARE, NA** | MECHANICAL DESIGN ENGINEER I AND II

Apr 2018 - Present | Concord, CA

- Generated 200+ CAD drawings and models of a full product library as a part of product design transfer to R&D Engineering.
- Won first place in a company hackathon event in 2020 with the innovation and development of a new PD device prototype.

### **UNDERGROUND CONSTRUCTION CO.** | PROJECT ENGINEER

May 2017 – Sept 2017 | Benicia, CA

- Developed and track project until completion while maintaining traceability and records of progress.

### **INFORMATION TECHNOLOGY ACADEMY** | SOFTWARE ENGINEER (FRONT END)

Dec 2010 – Jun 2011 | El Cerrito, CA

- Led front-end development for client website with focus on HTML, CSS, JavaScript, and PHP.