

# Eric Wong

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Website: [ericwong.site](http://ericwong.site) | Github: [github.com/ericwongcv](https://github.com/ericwongcv)

## SKILLS

### TECHNICAL SKILLS

JavaScript | Node | Express | React  
Redux | Python | Flask | SQL | Ruby  
HTML | CSS | Git | Mocha | Chai | Pytest  
Unit Testing | OOP | RESTful APIs | Postman

Frontend | Backend | Full-Stack

### SOFT SKILLS

Good Communicator, Problem Solver,  
Adaptable and Flexible

English, Chinese (Mandarin),  
Chinese (Cantonese)

## LINKS

**Website:** [ericwong.site](http://ericwong.site)

**GitHub:** [github.com/ericwongcv](https://github.com/ericwongcv)

**LinkedIn:** [linkedin.com/in/ewonglink](https://linkedin.com/in/ewonglink)

## EDUCATION

### APP ACADEMY

IMMERSIVE FULL-STACK  
DEVELOPMENT PROGRAM

Jan 2022 - Sept 2022

Coursework and Projects:

- [github.com/ericwongcv/AA-V2](https://github.com/ericwongcv/AA-V2)

### UC DAVIS

Aug 2011 – Dec 2015 | Davis, CA

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

## ACHIEVEMENTS

### PROGRAMMING

Ranked at Top 2.40% (3 kyu) on  
Codewars.com

### CERTIFICATION

Engineer In Training (EIT) - Issued Jun  
2016 - Credential ID 158446

## 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 Back4App with Node.js buildpack.

### TIC-TAC-TOE | WEBSITE, GITHUB

Jun 2020 | Richmond, CA

- Built a tic-tac-toe game with the ability to store game state in the browser storage such that the game can be resumed.
- Implemented with HTML, CSS, and JavaScript.

### 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.

## EXPERIENCE

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

Apr 2018 - Present | Concord, CA

- Collaborate with cross-functional teams ensuring timely delivery of products.
- 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 tracked project until completion while maintaining traceability and records of progress.

### WEB DEVELOPMENT CONTRACTOR | SOFTWARE DEVELOPER

Feb 2017 | Richmond, CA

- Developed a website for a local store to display products and location information. Implemented with HTML, CSS, and JavaScript.

### 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.