

# Eric Jiang

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**Languages:** Javascript, Python, TypeScript, SQL

**Frameworks:** React, Flask

**Certifications:** Certified Solidworks Associate Level

**Other:** Matlab, ANSYS, Chinese, JSON, Node.js

## PERSONAL APPLICATIONS

### Single Card Price Checker (SCPC) - Software Engineer

*Technologies:* HTML, CSS, Javascript, React, Bootstrap, Firebase, PostgreSQL, Node.js

- Currently in development

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## EXPERIENCE

### Omega Engineering - Sales and Application Engineer

Spring 2021

*Technologies:* Salesforce

- Applied knowledge of temperature and pressure to assist customers in troubleshooting their products
- Performed above the quarter performance review in sales, calls, and customer support
- Assisted returning customers who requested to talk to me about future purchases

### Fairfield University - Senior Design: Device to Convert Plastic into Household Objects

Fall 2019 - Spring 2020

*Technologies:* Arduino, Solidworks, Word, Excel, ANSYS

- Utilized Solidworks to create a device to convert plastic to filaments to be used to develop household objects
- Constructed device using parts obtained from McMaster Carr
- Programmed machine using motors, sensors, arduino, heat-press and switches
- Collaborated in the Literature review, Gantt chart, Concept Generation, FMEA files
- Awarded the CT NASA Space Grant

### Fairfield University - Automated Generator Project

Spring 2019

*Technologies:* Arduino, Solidworks

- Collaborated with my peers in designing a system to automatically power a generator
- Obtained generator from Mini Baja's prize pool
- Used Solidworks to visualize concept idea
- Programmed and built circuit using arduino to detect power loss

### Nok - Product Inspector Intern

June 2018

*Technologies:* JavaScript, HTML, CSS

- Collaborated with interns from around the world in enhancing Nok's current web design using JavaScript
- Verified and approved products ordered by customers online
- Tested current packaging methods to identify ways to improve damage control

## OTHER EXPERIENCES

### Fairfield University - Video Game Club, Overwatch Chapter, Team Leader (HV Gamercon)

Spring 2019

### Fairfield University - Resident Assistant

Spring 2018

### Universidad of CentroAmericana - Construction of Organic Houses (Managua, Nicaragua)

Fall 2017

### Fairfield University - Water Filtration System Maintenance (Bolivia)

Spring 2017

### Fairfield University - EWB Mini-Library Project

Spring 2017

### Fairfield University - Nano and Micro Manufacturing Research Assistant

Fall 2016 - Spring 2017

## EDUCATION

### Coding Temple, Software Engineering Full Stack Immersive

Spring 2021

### Fairfield University, Mechanical Engineering, GPA: 3.53

2016 - 2020

### Universidad of CentroAmericana, Study Abroad (Mechanical Engineering)

Fall 2017