

## **SKILLS**

Programming Languages: HTML | CSS | Python | JavaScript

Libraries and Frameworks: NodeJS | Express.js | React.js | Django | EJS | jQuery

Databases: MongoDB | PostgreSQL | Mongoose

Other: Github | Google Dev Console | VS code | Zoom | Slack | Heroku | RESTful Routing

Spoken Languages: Fluent in both English and Spanish

## **SOFTWARE ENGINEERING EXPERIENCE**

**SquareUp** | Sports Betting MERN Stack App, Full Stack Developer February 2022 - Present

- Leveraged MongoDB, Express, React, and NodeJS (MERN) stack to architect an app where users can partake in the sports betting game of squares.
- Incorporated a third-party API to continuously collect live sporting game data.
- Rendered responsive browser side views using React Router and Hooks and styled using Vanilla CSS3.

**Build-A-Farm** | Accessibility in Educational Technology Hackathon, Full Stack Developer May 2022

- Collaborated within a cross-functional team including 3 software engineers and 2 UX designers with the goal of developing an app to improve accessibility in educational technology.
- Developed a fully functional React app math game built to help children with ADHD find a quick and fun way to practice their math skills.

**HotSpot** | Django CRUD App, Full Stack Developer January 2022

- Collaborated in a group of 3 to develop a parking spot rental application.
- Developed using Django, Python, and PostgreSQL while adhering to industry best practices.

**TickerTracker** | MEN Stack CRUD App, Full Stack Developer December 2021

- Stock portfolio app that allows users to log all of their stock market transactions.
- This app utilized MongoDB, Mongoose, Express, HTML, JavaScript, EJS, and CSS.
- Rendered both browser side views (HTML) and server side views (EJS) and styled using CSS3.

**Connect Four** | Browser-based game, Front-end Developer November 2021

- Utilized HTML, CSS, and JavaScript to develop a web version of the popular Connect Four board game.
- Created and styled UI utilizing HTML5, CSS3, and DOM manipulation.

## **PROFESSIONAL EXPERIENCE**

**Ankra** | Manufacturing Engineer - Azusa, CA June 2021 - October 2021

- Lead the company's new flexible manufacturing system (FMS) by scheduling and setting up jobs that were due to the department.
- Improved department efficiency and lowered production costs by onboarding and training CNC mill operators on unfamiliar technologies (Haas Next Generation controller).

**RBC Bearings SWP** | Manufacturing Engineer - Baldwin Park, CA August 2017 - June 2021

- Oversaw the production and manufacturing of new products for new and existing customers as part of the company's New Product Integration (NPI) team.
- Evaluated and managed material suppliers, conducted manufacturing process development, and assisted those involved in the production process.
- Lead the company's milling department by training and assisting mill operators in setting up CNC mills (Haas VF-5, Okuma Genos M560-V) as well as scheduling and programming said mills.

## **EDUCATION**

**General Assembly** | Remote November 2021 - February 2022

*Certificate, Software Engineering Immersive (SEI)*

**California State Polytechnic University, Pomona**

*B.S. Mechanical Engineering*

June 2016

GPA: 3.48