

# Rocky Yang

## Software Developer (Full Stack)

I'm a passionate software developer with an innovative mindset. I am always looking forward to any challenge. I'm an enthusiastic teammate and always bring a positive atmosphere wherever I go. I am forward-thinking, and I love creating new ideas to showcase my skillset.



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## SKILLS

JavaScript

Python

React.js

Node.js

HTML5

CSS3

Git

Express

Data Structures

Communication Skills

Design Patterns

Flask

SQL

SQLAlchemy

PostgreSQL

## EDUCATION

### Full Stack Web Development App Academy

03/2020 - 09/2020

Online

#### Description

- Rigorous 1800-hour software development course with < 3% acceptance rate.
- Teaches full-stack web development: Test Driven Development, Pair Programming, Algorithms, Design Patterns, Redux, Docker, Web Sockets, Presentation Skills, and Data Structures.

### Information Systems

University of Wisconsin - Eau Claire

01/2015 - 05/2018

Eau Claire, WI

#### Description

- Pursued Bachelor's

## WORK EXPERIENCE

### Warehouse Specialist Sensata Technologies

02/2019 - 01/2020

Oakdale, MN

#### Achievements/Tasks

- Utilizing the company's software to invoice 40 - 60 orders per day and shipping them to our customers resulting in from \$30000 - \$50000 in payments.
- Implemented an organizing system by having folders for each day of the week, which resulted in shipments arriving on time and saved \$100 - \$200 daily by not having to do 1-day- or 2-day shipments.

## PERSONAL PROJECTS

### Chess (07/2020 - 07/2020)

- JavaScript, React, HTML, CSS, Express, Websockets
- [Live Site](#) | [Github](#)
- Designed an A.I. by having an A.I. function that calls the movability functions after the user has moved. Movability is calculated if the desired destination meets the condition of movability by using multiple if statements and every move is random.
- Implemented websockets to allow two users to play a match by having each player send their move to the backend and having the backend send an updated game board to both players in real time.

### Pokechampions (08/2020 - 09/2020)

- JavaScript, React, HTML, CSS, Python, Flask, SQLAlchemy, PSQ, Postgres
- [Live Site](#) | [Github](#)
- Incorporated Flask and SQLAlchemy to connect my database with my front and back-end allowing the User to create their account by creating a post request to the route after submitting an account creation form.
- Deployed a merge sort algorithm to fetch all the pokemon details from an API reducing previous time complexity of  $O(n^2)$  to  $O(n \log n)$ .

### C.A.R.L. (06/2020 - 06/2020)

- JavaScript, React, HTML, CSS, PostgreSQL, Sequelize, Express, PUG, Test Driven Development
- [Live Site](#) | [Github](#)
- Delivered a cleaner experience for the user by applying CSS and PUG to have modals appear when the user is performing a CRUD operation by converting the display attribute of the modal element.
- Established ability to perform CRUD operations by utilizing Express and Sequelize on the backend and PUG on the frontend by connecting to the database and maintaining event handlers.

### Swipefair (08/2020 - Present)

- JavaScript, React, HTML, CSS, Python, Flask, SQLAlchemy, PSQ, Postgres
- [Live Site](#) | [Github](#)
- Established a message box with React by having the component make a fetch call to allow users to interact with other users.
- Ensure user ability to perform CRUD operations by implementing flask and python on the backend and Javascript on the frontend by creating backend routes and having the frontend fetch calls from the routes.