

AIDEN JANG

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

EDUCATION

Web Development - App Academy

October 2021

Immersive software development course with a focus on full-stack web development with a <3% acceptance rate, which entailed 1000+ hours of coding.

Bachelor of Science in Computer Engineering - Rutgers, the State University of NJ – New Brunswick

May 2020

GPA: 3.3, College Honors: Cum Laude, Dean's List: Spring 2019, Fall 2019, Spring 2020

SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, RSpec, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, C/C++, Java, Python, Linux, Unix, MATLAB, Maple, LTspice, FPGA Design, Verilog, Altera, Quartus, AutoCAD, SolidWorks, Microsoft Office Suite (Word, Excel, PowerPoint), Adobe Creative Suite (Photoshop, Premiere Pro), Git, Heroku, Amazon Web Services (AWS), Assembly language

PROJECTS

ObeyTime | React, Redux, Amazon Web Services, Ruby on Rails, PostgreSQL

[live](#) | [github](#)

An OpenTable clone, an online restaurant-reservation application that allows users to search for restaurants and make reservations based on their preferences.

- Implemented an effective restaurant search and filter functionality that is compatible with SQL, PostgreSQL, and SQLite3.

SudokuBook | React, Redux, Node.js, MongoDB, Express

[live](#) | [github](#)

A social media platform for playing sudoku puzzles with your friends.

- Built out numerous well-organized React Components that interact states with each other to reduce the number of backend requests.

HYPEFITMENT

[live](#) | [github](#)

A wheel setup (tire and rim) calculator/visualizer

- Constructed a fitment demo using Canvas API that has high accuracy to the real world setup with easy to use user interface.

Search And Rescue Assistant (S.A.R.A.)

[github](#)

A drone with a low-cost budget (an old smartphone) that can be still durable enough to be deployed in harsh conditions to keep the overall cost down.

- Engineered a drone using an old smartphone by programming and integrating parts such as a processor, barometer, accelerometer, proximity sensor, gyro sensor, cameras, microphone, and flash, etc.

EXPERIENCE

Engineering Assistant – Internship - [New York Machine Service LLC](#)

October 2018 - May 2020

- Assisted lead engineer in installing, repairing, and troubleshooting automatic control, electricity, and electrical instrumentation, food processing-related machines, and refrigerator/freezer equipment.
- Performed quality control inspections and inventory stock to meet quality standards and customer specifications.

CERTIFICATES

C++ Programming - Udemy

February 2021

Python Programming - Udemy

November 2020

LANGUAGE

Fluent Korean