

ALAN LU

Education

New York University, Tandon School of Engineering

B.S. Computer Science 2022

Minor Finance

Major GPA 3.5/4 SAT 1510

Aug. 2018 to Current

Experience

Imprint.to

Co-Founder

- Co-Created this startup by building a blogging platform that prioritizes content ownership.
- Pivoted to new site that allows honest conversation about controversial topics for students.
- Received 16k in investments by Mozilla.
- Developed core architecture and features, designed product features, and planned marketing strategy.
- Used React, Node, NextJS, Mongoose and many npm packages.

Saratoga, CA

July 2020 to Current

Tauria

Junior Developer

- Implemented a program that allows all site trackers to be easily accessed with a function call.
- Allowed company to identify customer usage patterns by dynamically gathering and displaying data in frontend.
- Developed company webpages using Preact and TS that precisely matches UX design.
- Supported in general places such as creating temporary pages and working with sales team.

Ontario, Canada

June 2020 to Aug. 2020

Future Innovative Technology Lab

Software Intern

- Built an email sending system in Django that sends emails based on needs; able to be easily implemented anywhere email sending is needed.
- Established system feature that talks with MySQL backend, to pull and insert HTML emailing content.
- Created page to allow teachers to approve requests for tutoring.
- Used AJAX to send JSON files to communicate between frontend and backend.

Brooklyn, NY

June 2019 to Aug. 2019

Smart Money

Software Developer

- Implemented a website that allows users to track them and their pet's location live.
- Used Django to communicate cross origin with frontend using an API to bypass CORS problems.
- Made GPS tracking system on frontend using Google maps API.

Saratoga, CA

Dec. 2019 to Jan. 2020

Projects

Hackathon Team Matcher

- Developed site in Django to match hackers for hackathons.
- Created algorithm that matches hackers using customizable traits.
- Solved the problem for new hackers feeling intimidated and lonely.

3 Dimensional Laser Distance Measuring Device

- This device allows the user to consecutively point a laser at two objects and calculates distance between.
- Wrote algorithm in C that uses the xyz components of the gyro sensor to calculate angle and laser sensor to calculate distance.
- Used angle, distance and trigonometry to find distance between the two objects.

Self Drawing Bot

- Created a bot in Python that draws on any application.
- Able to win online drawing games.
- Finds edges and plot them to accurately represent image with minimal lines.

Contact

✉ al5930@nyu.edu

☎ 4086638534

🌐 alanalalu

Skills

Advanced

Python

Django

JavaScript

ReactJS

NodeJS

Proficient

MongoDB

MySQL

C++

Java

Languages

Chinese

Native

English

Native