ALAN LU

Education

New York University, Tandon School of Engineering   Aug. 2018 to Current
B.S. Computer Science 2022
Minor Finance
SAT 1510/1600, CS Teacher's Assistant

Experience

Imprint.to
Co-Founder
Saratoga, CA
July 2020 to Nov. 2020
• Received 16k in investments by Mozilla.
• Co-Created this startup by building a blogging platform that prioritizes content ownership.
• Developed core architecture and features, designed product features, and planned marketing strategy.
• Pivoted to new site that allows honest conversation about controversial topics for students.
• Used React, NextJS for frontend; NodeJS, Mongoose for backend.

Tauria
Junior Developer
Ontario, Canada
June 2020 to Aug. 2020
• Made implementing site trackers 10x easier by implementing a program that wraps all trackers under a function.
• Allowed company to identify customer usage patterns by dynamically gathering and displaying data in frontend.
• Improved and developed company webpages using Preact and TypeScript that precisely matches UX design.
• Supported in general places such as creating temporary pages and working with sales team.

Future Innovative Technology Lab
Software Intern
Brooklyn, NY
June 2019 to Aug. 2019
• Built an email sending system in Django that sends emails based on needs; able to be easily implemented anywhere.
• Improved UX by establishing system feature that pulls and inserts 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.

Independent Software Development Contractor
Remote
May 2021 to Current
• Utilized technical experience to developed apps and robots based on customer needs for pay or royalty.
• Rapidly made changes based on changes in customer demands.
• Provided consulting services to customers.

Projects

Computer Vision Robot Hand and Website
• Designed and built mechanics, electronics and code for robot hand.
• Uses Deep Learning to identify human hand movements and precisely imitates it with robot hand.
• Robot Hand can grip and spread and mimic intricate human hand movements.
• Developed a website that livestreams the hand for any website visitor to use the robot.

Non Fungible Token Website
• Developed a web-app that allows users to retrieve, edit and print a physical copy of their NFT.
• User is able to connect wallet, edit, and pay for a frame.
• Coded from scratch using NextJs, ReactJs, and many libraries.
• Available on framed-theta.vercel.app

Custom ERC Compliant Crypto-Currency Token
• Created the POGGER Token using solidity on Binance Smart Chain.
• Market capitalization of $1.7 million dollars.
• Anyone is able to send and receive tokens.
• Live on address 0x7a8962529408755d39da5dfeb33a46134d7f9f08.

Contact

- al5930@nyu.edu
- alanylu.com
- 4086638534
- alanalanlu

Activities

Student Success Committee
Address and solve problems student face

Investing
Invested my tuition of 80k into 240k and was able to pay off my student loans.

Skills

Proficient
Python
Django
JavaScript
ReactJS
NodeJS
JS Libraries
CSS
HTML
MongoDB
MySQL
C++
Java
C
MIPS

Languages

Chinese
Native

English
Native