ANDREW LORBER

Fullstack Engineer

@ andrewlorber5@gmail.com   📞 58-550-6244   📍 Jerusalem   🌐 andrewlorber.com   💼 andrewlorber   alorber

EXPERIENCE

Founding Fullstack Engineer
Stealth Startup

📅 January 2023 – Present   📍 Remote

- Designing & developing, as sole engineer, e-commerce platform with React, Node, Express, & PostgreSQL database.
- Building two Shopify apps (client & admin), core service backend API, and web-app with heavy focus on reusability, upgradability, and ease of access for future developers.
- Collaborated with CEO to determine product requirements and road-map for release, and onboarded initial client.
- Presenting to company's patent lawyer and collaborating with them to ensure proper patent.

Front-End Engineering Intern
Facebook

📅 Summer 2021   📍 New York, NY

- Developed a new unified internal app health tooling experience to simplify developers' workflows.
- Migrated tools' persistence layer to GraphQL to provide convenient and uniform data access.
- Collaborated with colleague on overlapping project areas to build reusable React components to provide consistent dashboard experience and reduce extraneous work.
- Demoed new tooling experience to internal users and based on their feedback made updates and provided input into the team's feature roadmap.

Robotics Crash Course Teaching Assistant
Cooper Union STEM Program

📅 Summer 2020   📍 New York, NY

- Planned curriculum with three others for two three-week remote sessions of twenty students.
- Taught lessons on various C++ topics, and assisted students on the design and development of their car's object avoidance algorithm.

CS for Social Good Teaching Assistant
Cooper Union STEM Program

📅 Summer 2019   📍 New York, NY

- Collaborated with three other teaching assistants to plan a six-week web application development curriculum for twenty-four students.
- Created presentations and taught classes on JavaScript, React, HTML, & CSS, while assisting six groups of students on the design and development of their web applications.

Front-End Intern
KeyMe

📅 Summer 2017   📍 New York, NY

- Revamped shopping cart navigation by determining underlying bug, investigating alternatives, and implementing solution to increase product stability.
- Created end-to-end easter-egg coupon experience to incentivize purchase.

EDUCATION

BE in Electrical Engineering
Concentration in Computer Engineering
Minor in Computer Science

Cooper Union for the Advancement of Science and Art

📅 2018 - 2022   📍 New York, NY

GPA: 3.89/4.00   **Summa Cum Laude**

IEEE - Eta Kappa Nu, Tau Beta Pi
Dean's List (All Semesters)
Jesse Sherman Award for an excellent academic record & superior electrical engineering lab work

PROJECTS

CU NFT Marketplace

📅 Spring 2022

- Built prototype NFT marketplace for the CU by planning core features and functionality with professors and iterating on design based on discussions with current students.
- Designed Ethereum smart contracts in Solidity that control the minting of NFTs and marketplace functionality, and developed marketplace frontend in React with MetaMask integration for Ethereum wallet access and IPFS integration for NFT data storage.

Mixx

📅 Fall 2021

- Built a home-bartending website that allows users to view and search a database of cocktails and ingredients, and view possible cocktails given the ingredients they have on hand with React, Python Flask, & MongoDB.
- Scraped and cleaned cocktail & ingredient data from various sources with Python scripts.

LEADERSHIP

Cooper Union Hillel

President (Fall 2020 - 21), Vice President (Fall 2019 - 20), Event Coordinator (Fall 2018 - 19)

- Worked with co-president to lead monthly meetings, finalize event details, and ensure all club programs were properly managed.
- Collaborated with board members to determine road-map for event programming and managed logistics to ensure that monthly events ran smoothly for over thirty students.

SKILLS

Programming: ReactJS | JavaScript | TypeScript | NodeJS | GraphQL | Python | Flask | Solidity (Ethereum)

Hobbies: Reading | Board Games | Crossword Puzzles | Mixology