Jonah Pflaster

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Work Experience

SoundSense Engineering

Engineering Intern June 2024 - August 2024
- Shadowing a senior engineer in project management, consulting, data anaylsis and more
- Technologies and skills utilized included Excel, SketchUp, Quickbase, Fieldwork and other engineering skills/software

The Wine Guy

Wine Stocker May 2023 - September 2023
- Stocked and organized supply of over 3000 different types of Wine, and assisted customers

Destination Science

Science Camp Counsler Summer 2018 - 2021
- Taught elementary-grade students basic science, math, and arts and crafts projects

Good Karma Engineering

Engineering Intern April 2020 - March 2021
- Helped supply masks for workers in the medical and transportation field
- Over 250 hours of community service in assembly time, mentoring others, and 3D mask modeling utilizing AutoCAD

Sound Beach Soccer

Coach/Trainer Spring 2021 - Summer 2023
- Coached Youth Soccer ages 5-10

Projects and Involvement

AI-CAD Project Builder jonahpflaster.me/projects/AI-CAD React, Three.js, Zoo.dev's MLElephant, Hugging Face
- Developed an AI-powered platform that enables users to generate CAD files for their projects
- Users can chat with an AI chat-bot about the project and how to better write their AI-CAD prompts for their project needs

CalendarConnect calendar-connect.vercel.app/#/home React, NodeJS, Chakra UI
- Developed CalendarConnect to connect universities' academic calendars all in one place!
- Currently have around 100 university academic calendars on the website and adding more all the time
- CalendarConnect was developed over summer and fall of 2024 and is still being implemented with new features

Tech Group Lead For Engineers Without Borders - Tufts Spring 2024 - Current
- Manage a group of 10-20 undergraduate engineers for a non-profit organization dedicated to building a better world
- Technologies we use include arduinos, raspberrypis, CAD software, github, python and more
- My groups focus is on creating a water source mapping software, hardware design and data storage/analytics

JumboCode Full Stack Engineer - Tufts Typescript, React, Mongodb, NextJs Fall 2024 - Current
- Building pro-bono web and mobile apps for nonprofit clients, working on both Frontend and Backend software development

Treasurer of Chess Club - Tufts Fall 2024 - Current
- Manage the finances, budget and funding of Tufts Chess Club (over 75 active members)

Club Soccer Member - Tufts Fall 2023 - Current
- League Champions and advanced to east coast regional tournament 2 years in a row

Skills

Languages & Frameworks C, C++, MATLAB, Python, NodeJS, React, NextJS, TypeScript, JavaScript
Tools, Platforms & Other SOLIDWORKS, SketchUp, Git & GitHub, Google Workspace Tools, Microsoft Office Tools, Arduino, RaspberryPi, CAD/3D Printing, Quickbase, Intermediate Spanish Proficiency, TailwindCSS

Education

Tufts University, Computer Engineering Major and Math Minor Expected 2027
Earl L Vandermuelen High School 2019-2023