Jonah Pflaster

jonahpflaster23pj@gmail.com   (516)-993-3656   Portfolio   LI, NY

Work Experience

Sound Sense Engineering

Engineering Intern June 2024 - Present
- 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

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
- I 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 group focuses on creating a water source mapping software for a town in Malawi and data storage/analytics for the club

JumboCode Member - Tufts
- Building pro-bono web and mobile apps for nonprofit clients, utilizing Typescript, React, Mongodb, and NextJs

Treasurer of Chess Club - Tufts
- Manages the finances, budget and funding of Tufts Chess Club (over 75 active members)

Portfolio Site portfolio-seven-mu-38.vercel.app React, Three.js, Blender, NodeJS
- Developed portfolio site over the spring and summer of 2024
- Features former, current, and future projects I have/will work on

Club Soccer Member - Tufts
- League Champions and went to east coast regional tournament

Skills

Languages & Frameworks Matlab, JavaScript, React, NodeJS, C++, Python, NextJS, NodeJS, Typescript
Tools, Platforms & Other Git & GitHub, Google Workspace Tools, Microsoft Office Tools, Arduino, Solidworks, CAD/3D Printing, Intermediate Spanish Proficiency, Chakra UI

Education

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