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 at the company
- Utilizing Excel, SketchUp, Quickbase, Fieldwork and other engineering software/skills

The Wine Guy

Wine Stocker May 2023 - September 2023
- 3D-printed more than 40 masks
- Working under a senior engineer at the company
- Assembly time, teaching others, and 3D mask modeling, 250 hours

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
- Assembly time, teaching others, and 3D mask modeling, 250 hours
- 3D-printed more than 40 masks

Sound Beach Soccer

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

Projects and Roles

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
- A non-profit organization dedicated to building a better world through engineering
- Manage a group of 10-20 undergraduate engineers
- My group focuses on creating water source mapping software for a town in Malawi and data storage/analytics for the club

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

Skills

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

Education

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