Micah Elias

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Objective	Looking for a software development internship for the summer of 2022.

Skills

Experience with full-stack web development, iOS development, Java, Python, Firebase, Javascript, NodeJS, React, Jira, Slack, Photoshop, Figma, and GitHub.

Education

Amherst College | Amherst, MA — Aug 2020 - Present
BA Computer Science and Statistics (expected 2024)
Select courses: Data Structures, Artificial Intelligence, Computer Systems
Men's Varsity Tennis Team

California Connections Academy | Ripon, CA — Feb 2019 - Jun 2020
High School Diploma

Miramonte High School | Orinda, CA — Aug 2016 - Jan 2019

Experience

FactorResearch | London, UK — Jul 2021 - Aug 2021
User Interface Engineer (remote)
- Designed FactorResearch's Portfolio Assistant web app incorporating modern design standards and building financial metric and chart displays from the ground up.
- Created wireframes and mockups for the website using Figma.
- Improved the user experience and simplified portfolio visualization.

Avast Software | Emeryville, CA — Jul 2019 - Sep 2019
Quality Assurance Engineer
- Worked with the mobile development team to test new feature releases for a parental controls application.
- Executed test cases and documented new defects in JIRA.
- Participated in root cause analysis for production issues.

Personal Projects

Vatsim Wrapper API (2021)
- Working on an API for flight simulator enthusiasts to more easily integrate data from the Vatsim network into their own applications.
- Used NodeJS, Express, and Javascript and gained a deeper understanding of backend development. Also gained experience creating and maintaining NPM packages and hosting an API on the RapidAPI Hub.

Flight Simulator Systems Development (2020 - 2021)
- Worked on a team developing aircraft systems for commercial flight simulator software.
- Led the development of the MCDU and EFB systems as well as other key cockpit components.

NBA Score Predictor (2020 - 2021)
- Developed an open source project to predict NBA scores and stat lines using Python, and machine learning using CoreML.

Freelancer on Fiverr.com (2015 - 2018)
- Film editing, website design, and coding projects for online customers. Gained experience working with customers one-on-one.

Developed 3 iOS Apps
- Radio app: Tunes to different radio frequencies in addition to well known radio stations broadcasting through the internet. Built UI and communications to a backend server.
- Platformer game involving graphic design and an understanding of game physics.

Fitness app
- Connects trainers and athletes by storing workout plans, workout data, and other multimedia on a server. Experience with Firebase, user management, and machine learning.

Interests

Aviation, Formula 1, Tennis, Film Editing, Graphic Design