Jacob Franklin

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SUMMARY

Accomplished Computer Science student well trained in multiple programming languages, data analytics, data management, and UI design. I am passionate about technology and desire to further develop my programming and leadership skills in the professional world. I look forward to expanding my professional experience in solving real-world business problems.

EDUCATION

B.A. in Computer Science   Aug '21 - May '25

Brandeis University │ Waltham, Massachusetts

Minor in Theater Arts

GPA: 3.66 (Dean's list for 5 semesters)

Relevant Coursework: Problem Solving in Python, Advanced Programming Techniques in Java, Data Structures and Algorithms, Mobile Application Development, Information Visualization, Operating Systems, Computer Security, Software Entrepreneurship

SKILLS

Programming: Python, Java, React Native, JavaScript, TypeScript, D3, HTML, CSS
Software: ChatGPT, VS Code, Eclipse, Tableau, Microsoft Office Suite
Operating Systems: MacOS, Windows, Linux

WORK EXPERIENCE

App Developer Intern   Oct '24 - Present

Swift Alert LLC │ Remote

- Worked on a small team of 5 to develop Taylor Swift and Sabrina Carpenter related applications
- Used React Native to improve upon and create new features to improve user experience and user engagement
- In addition to software development, I have been tasked with running live games during concerts for upwards of 600,000 users.

Software Developer Intern   May '24 - Aug '24

SharkNinja │ Needham, Massachusetts

- Developed a tailored web dashboard for app developers to efficiently manage and modify over 150 datapoints for connected devices using React Typescript
- Utilized ChatGPT to seamlessly translate 1000 lines of code from JavaScript to Typescript and efficiently utilized ChatGPT for streamlined debugging processes, resulting in significant time savings

Theater Assistant   Aug '23 - Present

Brandeis University │ Waltham, Massachusetts

- Supervise and train students on how to use sound and lighting equipment
- Operate lights and sound equipment for dozens of professional events while ensuring the safety of the space

PROJECTS

React Web Dashboard   May '24 - Aug '24

SharkNinja │ Needham, Massachusetts

- Used React and TypeScript to create a developer dashboard using custom build API methods to get and set datapoints which gave developers a more user friendly experience ensuring easier and more efficient testing
- Implemented device specific features, such as live robot location and map view for dozens of robot vacuums

Custom React Native Camera App   Jul '23 - Jul '23

Brandeis University COSI 153A │ Remote

- Created a mobile camera application with more advanced information than other existing applications using react native
- Implemented location, device information, and weather to provide live metadata to the user