Eric Kim

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EDUCATION

Tufts University, Medford, MA   2019 - Expected May 2023
Bachelor of Science in Computer Science, Minor in Finance
GPA: 3.69/4.0, Dean's List
Relevant Coursework: Data Structures, Algorithms, Software Engineering, Machine Structure and Programming, Programming Languages, Intro to Machine Learning, Web Development, Database Systems

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EXPERIENCE

Crestron Electronics, Orangeburg, NY   May - August 2022
Full Stack Developer Intern
- Developed the back-end infrastructure and front-end interfaces of the Test Engineering Department's new information system, boosting department efficiency by 30%
- Implemented and deployed C# executables that eliminated redundant or manual tasks, saving the company over 50 hours of work per week
- Designed original user interfaces using HTML, CSS, JavaScript, and ASP.NET and stored relevant information in SQL databases
- Participated in weekly scrum meetings and coordinated with supervisors to optimize project delivery

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PROJECTS

MBTA Simulator   September - December 2022
- Developed a multi-threaded simulation of the MBTA subway lines in Greater Boston, Massachusetts using Java
- Configured the simulation using JSON files that specified train lines and passenger trips
- Tested the simulator rigorously using a log verifier to ensure valid movements

PCB Schematic Highlighter   May - August 2022
- Implemented a software program to parse hundreds of component names from different file types and highlight them on 25+ page PCB schematics in under 10 seconds
- Integrated the solution into an existing information system for Test Engineers to utilize the tool and recorded relevant data in a local database
- Built using C#, HTML, CSS, JavaScript, SQL, and the ASP.NET framework

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SKILLS

Front-End:	HTML, CSS, JavaScript
Back-End:	Java, C#, Python, PHP
Frameworks and Technologies:	Bootstrap, jQuery, AJAX, JSON, XML
Databases:	SQL, PostgreSQL, MySQL
Tools:	JUnit, Chrome DevTools, Git, TortoiseSVN
Operating Systems:	Unix, Linux

ACTIVITIES

Tufts University   2019 - Present
First Generation Association, *First Generation Student*
Play Pals (sub-group of Leonard Carmichael Society)*, Member*
Animal Aid (sub-group of Leonard Carmichael Society)*, Member*
Cancer Outreach (sub-group of Leonard Carmichael Society)*, Member*