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
- Boosted the department's efficiency by implementing C# executables that eliminated redundant or manual tasks
- Designed original user interfaces using HTML, CSS, JavaScript, and ASP.NET and stored relevant information in SQL databases
- Attended weekly scrum meetings and coordinated with supervisors to improve internship projects

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SKILLS

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

PROJECTS

MBTA Simulator   September - December 2022
- Created 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 all movements were valid

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
- Recorded relevant data in a local database and integrated a user interface into an existing information system for test engineers to utilize the tool
- Built using C#, HTML, CSS, JavaScript, SQL, and the ASP.NET framework

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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*