

Eric Kim

Eric.Kim@tufts.edu | (201) 249-4546 | [LinkedIn](#) | [Portfolio](#)

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

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 10-20%
 - 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: Git, TortoiseSVN, JUnit, Chrome DevTools

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*