

KRISTIN NG

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EDUCATION

Tufts University, Medford, MA

Medford, MA

Bachelor's of Science, Major in Computer Science

Expected May 2024

- **Relevant Coursework:** Data Structures, Discrete Math, Machine Structure & Programming, Web Programming, Algorithms
- **Allocations Board (2021-22):** Oversaw budgeting of 34 pre-professional clubs, moving 70K in funds and 1 million in supplementary funding
- **Asian American Peer Leader (2021-22):** Coordinated and foster connections to improve transition for Asian American freshmen, influencing them to become Peer Leaders for next school year.

RELEVANT EXPERIENCE

JARney

June 2022

Incoming Product Manager

MasterCard

June 2022

Incoming Software Developer Intern

Tufts University

Sept 2021 - Present

Teaching Assistant for Data Structures

- Debug errors by hand, read full implementations of data structures in C++ and optimization problems, grade homework assignments and give written feedback
- Lead lab of 20-40 students and run office hours, explaining concepts using a range of strategies
- Successfully switched 90% of students to VSCode to keep up with industry standards

Markit Social

June 2021 - Sept 2021

Software Engineering Intern

- Redesigned and pivot *Markit: Explore and Connect* app by improving user onboarding using React Native and TypeScript, double user bases biweekly

JumboCode

Sept 2020 - May 2021

Frontend Developer

- Developed a "resource finder" for Project SHARE with team to help better distribute wealth of healthcare resources utilizing React.js, CSS, GitHub, VSCode
- Built a navigation bar with search results including tags and categories and routed pages together

SKILLS

Programming Languages: C++, C, Python, JavaScript

Frameworks and Tools: React.js, GitHub, VSCode, Linux, Vim

PROJECTS

Personal Website

March 2022

- Personal website to store portfolio in HTML/CSS/JavaScript

Universal Machine Emulator - Machine Programming Project

Dec 2021

- Implemented 14 instructions and Machine State of the Universal Machine in C

Halligan Helper - Web Programming Project

Dec 2021

- Implemented online order website using HTML/CSS/JavaScript and PHP