

KRISTIN NG

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EDUCATION

Tufts University, Medford, MA

Bachelor's of Science in Computer Science

Expected May 2024

GPA: 3.78/4.00

Relevant Coursework: Data Structures, Discrete Math, Machine Structure & Programming, Web Programming

Current Coursework: Algorithms

SKILLS

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

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

EXPERIENCE

MasterCard - Incoming SDE Intern

June 2022

Tufts University - Data Structures TA

Sept 2021 - Present

- 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

Markit - Software Engineering Intern

June 2021 - Sept 2021

- Redesigned *Markit: Explore and Connect* app with team of interns to improve user experience
- Implemented Quick Start, User Login and Feedback Page with React Native and Typescript

JumboCode - Frontend Developer

Sept 2020 - May 2021

- 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
- Implemented a skeleton of the home page, and routed pages together

PROJECTS

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

Monocol - Hackathon Submission for HackDavis 2021

Jan 2021

- Developed iOS app utilizing Machine Learning, Swift, and Python to translate live video into depth to output different pitches based on depth

EXTRACURRICULARS

Tufts Asian American Community Senator and Allocations Board Member

Sept 2021- Present

Tufts Asian American Center - Peer Leader

Sept 2021 - Present