

SAMUEL KWOK

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OBJECTIVE

Recent graduate seeking full-time employment in Software Engineering.

EDUCATION

Bachelor of Computer Science, Worcester Polytechnic Institute, May 2023

GPA 3.5, Dean's List

RELEVANT COURSEWORK

Database Systems | Object Oriented Design | Systems Programming | Operating Systems | Computer Networks | Machine Learning | Computer Graphics

SKILLS

Java, C, C++, Python, Javascript, SQL, React, VS Code, Eclipse, git

PROJECTS

School Capstone Project (2022-2023)

- Developed a mixed-reality app for an immersive driving experience with a remote-controlled car handled by a Raspberry Pi.
- Worked with Unity game engine, scripted in C#, modeled assets in Blender, designed and implemented UI/controls system
- Designed and implemented system for sending inputs to the Raspberry Pi and streaming video to Unity app from a web server hosted on the Pi
- Utilized software development methodologies to effectively work as a team of 6

Software Engineering Course Project, Assistant Lead software engineer/UI specialist (2020-2021)

- Developed an application for Brigham & Women's Hospital with mapping and pathfinding for indoor navigation
- Integrated service request modules for various hospital staff services
- Implemented COVID-screening intake survey into the website
- Applied Agile development methodologies and Object Oriented Programming in Java

PROFESSIONAL EXPERIENCE

Tech:NYC Software Engineering Internship (Jun 2022 - Aug 2022)

NYC-based tech nonprofit that works with government, businesses, and media

- Designed safety-focused navigation app with senior engineers as the main project in internship
- Prioritized customer needs by examining user frustrations and then proposing into engineering features
- Lead the creation and design of wireframes and UI mockups
- Presented results and learnings to Engineering Leadership across different feature teams

DataAnnotation (2024-Present)

Freelance, AI Training (Coding)

- Employed reinforcement learning from human feedback for training large language models (LLMs) on various coding tasks
- Conducted QA assessments and wrote detailed test code
- Collaborated with other remote workers to clarify guidelines and maintain consistency with reporting
- Adapted to changing requirements and deadlines for projects while maintaining quality results