

CATHERINE QUACH

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EDUCATION

Boston University, MA
B.A. in Computer Science

May 2023

JOB EXPERIENCE

M.K. Services

Software Engineer (Intern)

June 2018 - June 2021

Middleton, MA

- Handling ERP system to manage database of customers and supplier to effectively schedule the sequence of operations.
- Worked on a project to link data from ERP system to CRM system for the company.
- Assist in the administration of user access and privileges to applications/systems, ensuring that access requests are properly authorized, appropriately documented, and accurately fulfilled.
- Troubleshoot user access issues, including determining cause and implementing resolution.

PROJECTS

Portfolio Website

June 2023

- Designed a website to showcase my own project portfolio

Client's Website for Personal Business

February 2023 - March 2023

- Established a client's personal business website with HTML and CSS to showcase their artwork by arranging a portfolio into a gallery format

C2 Framework

October 2022 - December 2022

- Built a C2 framework in C++ that could store up to 10 different implants and it spoke directly to an implant on a victim machine
- Implant could make remote procedure calls, steal data from Chrome, execute commands on the terminal remotely, and encrypt data on the victim machine
- Maintained documentation and fixed bugs on the front-end and back-end

Discord Bot

July 2022 - August 2022

- Developed a bot written in Python to automate an RPG with a database to store up to 100 different users' statistics, up-to-date currency, and class information

Photo Album Web Application

October 2021 - November 2021

- Implemented an SQL database for users to upload into the system via HTML
- Users could view different photo galleries and make user to user interaction

TECHNICAL STRENGTHS

Languages	C++, C, Python, Java, MATLAB, Javascript, HTML, CSS
Technologies	Docker, Git, MySQL