MUNEEB SHAH

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HIGHLIGHTS OF QUALIFICATION

o Currently enrolled in a level 3 Computer Engineering program at McMaster University
o Developed essential software principles through many projects and course experiences
o Proven leadership and communication skills through the construction industry as well as over 300 hours of volunteer experience

EDUCATION

Bachelor of Engineering, Computer Engineering (Co-op)   2020-2025 (Expected)
McMaster University, Hamilton ON
Awarded entrance scholarship of $1000 for achieving an average of 90-95%

Relevant Course and Lab Experience:

Principles of Programming   Microprocessor Systems
Data Structures and Algorithms   Software Development

PROJECTS

Pacemaker GUI | Python
o Developed a cardiac pacemaker that synthetically simulates chambers of a heart
o Used PyQT and QT Designer to create the front-end aspects of the login, signup, and dashboard to monitor and store user data
o Used Python and MySQL to create the back-end aspects of the user database

Spatial Mapping | Verilog/ Embedded C, Python
o Designed and built a spatial measurement system using a time-of-flight sensor that rotates 360 degrees to capture geometric planes of a surrounding area
o Mapped information is stored on a microcontroller and is serially communicated to a Python source code to construct the image of the geometric plane

Personal Portfolio Website | HTML, CSS, JavaScript
o Developed a responsive portfolio website to showcase my projects, my skills, and myself
o Currently developing a completely new and improved version with added features, aesthetic, and integrations

Discord Music Bot | Python
o Developed an API that integrates into Discord servers and voice channels to search and play audio through YouTube
o Created commands like play, pause, skip, and stop to allow for user functionality

WORK EXPERIENCE

Project Manager   May 2022-August 2022
Concreation Construction Company
- o   Promoted to direct a multi-disciplinary team of engineers and general operators to complete a home improvement project from start to finish
- o   Successfully completed a project within budget and time frame, with minimal errors, meeting the client's wants and needs
- o   Maintained open communication with client throughout the entire process to navigate complication and ensure satisfaction

Project Supervisor   June 2021-May 2022
Concreation Construction Company
- o   Mentored 6 apprentices to become permanent assets to the team by teaching fundamental engineering and equipment skills and safety regulations
- o   Collaborated closely with the project manager to complete over 7 home projects by resolving issues, coordinating with contractors for supplies, maintaining schedules, and by communicating with the client

SKILLS

Programming Languages: Python, C/C++, HTML, CSS, Verilog HDL, JavaScript, MATLAB

Frameworks/Technologies: Git, GitHub, MySQL, PyQT, QT Designer, TKinter, Quartus, LTspice, Autodesk Inventor, React, Bootstrap, MS Office, Photoshop

EXTRA CURRICULAR

Marketing Associate   2022-Present
McMaster PSA
- o   Film and edit high quality videos using Adobe Premier Pro and Photoshop for event marketing on all social media platforms
- o   Coordinate with other club associates to advertise club events for over 500 students to attend

Design Studio Representative   2020
Integrated Cornerstone Design Projects in Engineering
- o   Coordinate directly with professors and TAs with improvements and concerns regarding course content and distribution