

MyName

Phone | Email | LinkedIn

TECHNICAL SKILLS

Languages | Python, JavaScript, Java, C/C++, SQL, Visual C#, VHDL, Assembly, OpenGL, C#, HTML/CSS

Frameworks | .NET

Developer Tools | Git, GitHub, Visual Studio Code, PyCharm, Eclipse, JIRA, Quartus, DOSBOX, Slack, Trello, Microsoft/Google Suite, Excel, Autopsy, Wireshark, Linux

Soft Skills | Teamwork, Delegation, Leadership, Problem Solving, Communication

PROJECTS

7 Segment Display Microprocessor | VHDL

- Utilized K-maps and Boolean algebra to optimize logic gate schematics.
- Designed and implemented the microprocessor utilizing VHDL in the Intel Quartus software.
- Processes 16-bit instructions to control a dual 7 segment display and manages data storage through a series of internal registrars.

Restaurant Payment Management Interface | Visual C#, MYSQL

- Designed and developed a customer facing payment management system enabling staff to create and manage transaction tickets utilizing a Visual C# to create user interface.
- Implemented a MySQL Database to maintain inventory records and transactional history, ensures accurate data handling, retrieval, and deposition.
- Integrated a Visual C# graphical user interface to streamline order processing and improve usability for the user.

Interactive Home Environment Management Simulation | IOS Development, Python

- Developed a iOS-based smart home simulation application utilizing Python, allowing users to customize home layouts and manage connected devices.
- Implemented controls for lighting, audio systems, thermostat settings, and event based timers or alarms for connected smart devices.
- Focused on user centric design and system interaction to simulate a real world smart home environment.

ACTIVITIES

University Programming Club – Team Member

AUG 2023 – DEC 2025

University

University London Abroad

JUN 2023

University / London UK

AWARDS

University Gold Scholarship

DEC 2023 – DEC 2025

University

EDUCATION

Bachelor of Computer Science

AUG 2023 – DEC 2025

University

City, State