Travis Mundy

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LinkedIn | Portfolio | GitHub

Personal Summary

As a dedicated computer science student with a genuine passion for software development, my GitHub portfolio is a testament to my prowess in software development. I bring unwavering enthusiasm to any collaborative endeavour, underpinned by a strong foundation of knowledge and a keen ability to work seamlessly within a team.

Education

MacEwan University   **September 2019 – Present**
Bachelor of Science: Computer Sciences (major) and Economics (minor)

Capstone Chess Bot
- Worked with a group and used Git/GitHub to develop a physical moving chessboard.
- Develop a Python bot that will determine the board's moves.
- Used OpenCV for image processing to determine where the user moved so the bot can respond.
- Wrote a report to explain and communicate the planning and document the project.

Wireless Networks and Embedded Systems
- Implemented projects with microcontroller datasheet analysis for precise ARM Cortex board utilization.
- Programmed boards for seamless data exchange, showcasing expertise in embedded systems communication.
- Conducted rigorous debugging and testing protocols for reliable firmware performance.

Introduction to Software Engineering
- Developed a scheduling app in Java that ran on a Samsung phone.
- Designed UML diagrams for a scheduling android app.
- Used Agile to organize the project between group members.

Computer Science Knowledge

Proficient:

Languages: **C, Python, Git, Rust, Java, SQL, C++, Bash**

Tools: **Linux, Windows, Microsoft Office, Google Workspace,**

Android Studio, Agile, OpenCV, Pandas, SSH, Command Line

Familiar:

Languages: **Golang, C#, Assembly, Qt, HTML, CSS, JavaScript, Haskell, Lua**

Tools: **Docker, Visual Studio, .NET Framework**

Work Experience

Software Engineer Intern
Vanmok LTD | Edmonton, AB   **April 2022 – August 2022**
- Develop a tool which Automated the tracking and ordering of products using APIs from external sites.
- Created scripts that analyzed, manipulated, and wrote data from/to unstandardized excel sheets.
- Created technical documentation for programs and procedures.
- Tested and debugged the PCBs and Raspberry Pis prior to shipment.

Cashier Supervisor
Shoppers Drug Mart | Camrose, AB   **February 2017 – August 2021**
- Supervised floor and front staff and ensured closing procedures were followed.
- Supported a variety of customer needs in a calm and diplomatic manner.
- Managed financial transactions and daily balances efficiently and accurately.

Volunteer Experience

Computer Science Club Vice President External
MacEwan University | Edmonton, AB   **May 2022 – August 2023**
- Organized events hosted by the club.
- Connected with companies for sponsorship.

Computer Science Club Student Representative
MacEwan University | Edmonton, AB   **October 2021 – May 2022**
- Guided other students with problem solving.

Career Development and Experiential Learning Promote Team
MacEwan University | Edmonton, AB   **January 2020 – March 2020**
- Promoted career services and engaged with students through kiosk events.

References

References Available on Request