

# Travis Mundy

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## Personal Summary

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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

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### MacEwan University

September 2019 – December 2023

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

- I developed a Java-based scheduling app tailored for Samsung phones, providing efficient time management and organizational features.
- I designed UML diagrams to illustrate the structure and flow of an Android scheduling app.
- I utilized Agile for efficient collaboration among team members in developing the scheduling app.

## Computer Science Knowledge

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Proficient:

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

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### **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***

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### **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.

## ***References***

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**References Available on Request**