Aidan James

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ABOUT ME

I graduated from Northern Collegiate High school in Sarnia with honors and a french diploma. Currently I am a third-year Honors student at Western University, majoring in Computer Science with a minor in Software Engineering. I am experienced with a variety of languages such as: Visual Basic, C, HTML, CSS, JavaScript, Java, Python, VBA, PHP, SQL, and ARM. As well as the basics of game development in Unity. Competent with the interworking of computers and am able to assemble desktop PC's.

EDUCATION

Northern Collegiate, Sarnia   September 2016 - June, 2021 – **AVG:** 90.2%

Awards: Academic Gold Award (85%+ avg), Honor Society (90%+ avg), Black Athletics Award

University of Western Ontario, London   September 2021 - April 2025 (Expected)

BSc, Honors Computer Science, Minor in Software Engineering   **GPA:** 3.7 / 4.0

EXPERIENCE

Metro, Sarnia — *Grocery Clerk*   July 2020 - August 2021

- Helping customers, stocking shelves, receiving pallets, managing inventory, returns and expired products using company software.
- Making displays, incorporating them to the floor and organize floor display layout

Lambton Scientific, Sarnia — *Lab Technician*   May 2022 - August 2023

- Handled environmental samples and completed a variety of testing on them
- Obtained data from sampling software and recorded data using excel and managed database of testing results

PROJECTS - More Info

Multiplayer Snake Game – Python, Pygame, TCP, Sockets

- The game's logic was computed server side, allowing for multiple players to be playing simultaneously. Game states were sent using TCP to clients who parsed, displayed and handled user inputs. The game also featured a chat for players to communicate while playing the game.

Autocorrect Application – Java, JavaFX, Git, Confluence

- This application received a user binary file in the input box and scanned it for mistakes. When found, users were able to manually type or use suggestions to correct words. UI was made with JavaFX. Since this was a group project we used Git, confluence and other tools to collaborate.

Intra-Thread & Process Communication – C, OS functions

- Both projects were different ways to communicate, for processes I used the pipe function and for threads I used a pointer to a shared variable. Both were for my Operating Systems class.

ADDITIONAL SKILLS

Tech Stack: Java, Python, C, Unity, HTML/CSS, Javascript, Typescript, PHP, SQL, VBA, ARM, Visual Basic, C++.

Tools: Jira, Confluence, Git, Github, ReactJS, NodeJS.

Interests: Machine learning / AI, Game Development, Stocks / Finance, Fitness, Golf, Football, Poker.