

# TRISTAN WALKER

Management Engineering  
Student

## Contact Information

Phone: 416 – 568 – 3934

Email: t23walke@uwaterloo.ca

LinkedIn: [www.linkedin.com/in/tasw](https://www.linkedin.com/in/tasw)

## Summary of Qualifications

- 4 years of experience working with Java, C++, and Python inside and outside of schooling.
- 1 year of experience of working with JavaScript and SQL for academic projects.
- 6 months of experience handling VBA in Microsoft Excel for academic projects.
- Developed leadership and communications skills while teaching youths to code and mentoring junior swimmers.
- Developed teamwork skills through the many group project opportunities provided by the university and extracurricular activities.

## Additional Accomplishments

- International Business and Technology Diploma
- Certified with the National Lifesaving Society
- Recipient of Brampton's citizen award for Athletic Achievement
- 4 Provincial Gold Medals in competitive swimming

## Skills and Abilities

- Received certification in Microsoft's Azure Fundamentals and Azure AI Fundamentals courses.
- Received certification in Microsoft's Power Fundamentals course and the Six Sigma: Green Belt.
- Intermediate level of understanding in Java, C++ and Python
  - Able to effectively utilize Object Oriented programming
  - Able to test for and address errors.
  - Able to utilize redundancy reducing techniques.
- Able to make use of VBA to create effective and easy to use project tools and organizers in Microsoft Excel.
- Interpersonal and communication skills developed in professional group settings and while mentoring youths.

## Work Experience

- **Junior Learning Technologies Analyst** Jan 10<sup>th</sup> 2022 – Apr 22<sup>nd</sup> 2022
  - Reduced manual workloads by using Microsoft Power Automate to automatize previously manual processes
  - Managed and catalogued hardware and software assets by ensuring their conditions through comprehensive testing and continuously updating the asset database.
  - Other miscellaneous office work such as desk setups and office wide surveys.
- **WE Accelerate: Microsoft** May 25<sup>th</sup> 2020 – Aug 20<sup>th</sup> 2021
  - Learned about the applications of cloud computing and AI in companies of all sizes.
  - Conceptualized an application to analyze building designs using Azure softwares to ensure the design was accessible for the disabled.
  - Gained insight into common workplace behaviours and levels of formality

## Personal and University Projects

- Created a project organization tool in Microsoft Excel using VBA to organize larger team projects.
- Utilized Java, Python and C++ to recreate classic games like Tic-tac-toe and Minesweeper.
- Created a Gantt chart using Microsoft Excel to organize school assignments.
- Made a webpage using JavaScript and HTML to display information and serve as a link to different sites.