

Objective:

Highly motivated and technically skilled undergraduate student pursuing a Bachelor of Computing and Financial Management seeking a Winter 2025 internship in a dynamic and respected software engineering, data analysis, and/or finance environment.

EXPERIENCE:

Technology and Business Assistant – The Experimental Leader Academy, Sage Portfolio Group May 2024 - August 2024

- Utilized Excel to analyze and manage large data sets related to 32 mineral rights across 7 US counties, improving efficiency in data retrieval.
- Assisted in setting up, recording, and post-production of multiple podcast episodes, ensuring high-quality content delivery.
- Proposed and updated the company website using WordPress, increasing site traffic.

Coding Consultant – Human Development Lab, McMaster University

Sep 2021 - Sep 2023

- Conducted data analysis using Python, transforming extensive data frames to streamline research processes, reducing costs and time by over 95%.
- Developed customized Python scripts to automate data processing tasks, enhancing the lab's research efficiency.
- (Volunteer position)

Swimming Coach/Camp Counselor – McMaster University

July 2023

- Developed leadership, patience, and communication skills while developing and overseeing exercise programs for children (ages 6-15).
- Managed educational operations, contributing to a positive and enriching experience for all participants.

EDUCATION AND TRAINING:

University Of Waterloo – Waterloo, ON

Sep 2023 - Present

Bachelor of Computing and Financial Management (Computer Science and Finance double major)

- Coursework: Data Structures, Algorithms, Financial Markets, Investment Management.
- Proficient in Python, Java, C, C++, and Racket through academic and personal projects.
- Practiced exemplary time management as a varsity swimmer, balancing rigorous training schedules with academic responsibilities.

YoungWorks: coding and engineering – Pleasanton, CA

Dec 2017 - May 2023

- Completed five years of professional online courses, developing skills in SQL, Python (Sklearn, Pandas, Numpy, Scikit, OpenCV), Java, and more.

Golden Horseshoe Aquatic Club – Hamilton, ON

August 2017 - Sep 2023

- Successfully managed a demanding academic curriculum while committing over 24 hours weekly to athletic training, developing strong time management and resilience.

PROJECTS:

Personal Website: xanderrp2.github.io

Dec 2023 - Present

- Independently crafted a personal website with HTML, CSS, and Javascript

Group Competition: Robo-Portfolio maker

Oct 2023-Dec 2023

- Automated stock portfolio builder with Python

Design Competition: IOS Mental Health App

August 2022

- Developed an award-winning mental health app using React, Swift, and Xcode, securing a \$1,000+ prize and a partnership offer with the Brilliant Catalyst startup incubator at Ontario Tech University.

VOLUNTEER WORK:

Alliance Learn to swim: On behalf of the UW varsity swimming team

Sep 2023 - Present

268+ hours of community volunteer work

Sep 2019 - June 2023

COMPETENCIES AND QUALIFICATIONS:

Technical Skills

- Programming Languages:** Python, Java, C, C++, JavaScript, HTML, CSS, React, SQLite, Racket, Bash, Linux, Git.
- Data Analysis Tools:** Excel, Power BI, Tableau, Jupyter Notebook, Numpy, Pandas, TensorFlow.
- Web Development:** WordPress, HTML, CSS, JavaScript, React.

Core Competencies

- Fluent in both English and French (Written and spoken).
- Strong analytical and logical thinking, with excellent problem-solving skills.
- Proven ability to manage multiple tasks effectively with strong organizational and time management skills.
- 5+ years of experience as an investor, leading to exceptional financial literacy.