

Andrew Chow

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EDUCATION

University of Guelph

Bachelor of Computing, Software Engineering (Co-op)

- Dean's List: Fall 2020 - Winter 2023
- GPA: 3.7/4

Guelph, ON

Sept 2020 - Present

Brock University

Concurrent Education (I/S), Bachelor of Science, Bachelor of Education

- Community Executive - Residence Action Council

St. Catharines, ON

Sept. 2019 - April 2020

TECHNICAL SKILLS

Languages/Frameworks: Java, Python, C, JavaScript, HTML/CSS, React, SQL

Tools: Git, VS Code, Charles, Figma, TestRail, Jira, Confluence

EXPERIENCE

Software Developer

theScore

- theScoreBet, Promotions Team

May 2023 - Present

Toronto, ON

Undergraduate Teaching Assistant

University of Guelph

- Educated **200+** students by teaching user interface design concepts within weekly interactive labs
- Marked assignments, labs, and readings to provide valuable feedback to students
- Communicated effectively with faculty regarding student progression to address any concerns or questions

Jan 2023 - April 2023

Guelph, ON

QA Analyst

theScore

- Designed a Promotions tracker, a product specification aimed towards reducing customer inquiries. Analyzed user data, Created product document scopes, Mocked mobile prototypes, and defined KPI's, later presented to Sr. Leadership Executives
- Maintained and managed Promotion's test suite, creating test cases to increase test coverage by **60%**
- Performed end-to-end testing to deliver successful promotional features, including **Leg Grading** and **Parlay+**
- Identified and logged critical bugs across various services within the application

May 2022 - Dec 2022

Toronto, ON

PROJECTS

Molecule Visualizer | C, Python, SQL, HTML/CSS JavaScript, Swig

January 2023

- Developed a full-stack molecular visualizer using **C, Python, JavaScript, HTML/CSS, and SQL**, enabling users to view and interact with molecular structures in a web environment
- Built a robust database schema using **SQL**, ensuring data integrity and enabling efficient querying of molecular data
- Created an interactive and responsive user interface, allowing users to easily manipulate and explore various molecules

ePortfolio | Java, Swing

Dec 2021

- Developed an application to help users organize new and existing investments by providing options to add, sell, update and search
- Utilized a hash map to improve search efficiency by over **90%** for existing investments
- Built a user-friendly GUI using Java Swing/AWT packages and OOP concepts to provide clean and scalable code