Andrew Chow

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EDUCATION

University of Guelph — Guelph, ON
Bachelor of Computing, Software Engineering (Co-op), Minor in Project Management — *Sept 2020 - Present*
- Dean's List: F20, W21, F21
- Cumulative GPA: 3.7/4

Zero To Mastery — Toronto, ON
Complete React Developer Course — *Jan 2023*
- React, Redux, Firebase, GraphQL

Brock University — St. Catharines, ON
Concurrent Education (I/S), Bachelor of Science, Bachelor of Education — *Sept. 2019 - April 2020*
- Community Executive - Residence Action Council

TECHNICAL SKILLS

Languages/Frameworks: Java, Python, C, JavaScript, HTML/CSS, React, SQL
Tools: Git, VS Code, Charles, Figma, TestRail, Jira, Confluence

EXPERIENCE

Undergraduate Teaching Assistant — Jan 2023 - Present
University of Guelph — *Guelph, ON*
- 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

QA Analyst — May 2022 - Dec 2022
theScore — *Toronto, ON*
- 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%**
- Coordinated with product, design, engineering and release to ensure objectives are met for product releases
- Identified critical bugs within the workflow, worked with cross-functional teams to solve quality issues

Community Executive — Sep. 2019 - April 2020
Brock University — *St. Catharines, ON*
- Collaborated with a team of 15 that led and organized campus events for **2000+** first-year students
- Facilitated various workshops and information sessions about upcoming campus events

PROJECTS

E-commerce clothing | *React, SCSS, Firebase* — Dec 2022 - Present
- Front-End application that allows users to choose from a variety of items, add them to a cart, checkout and create accounts
- Utilized Firebase for user authentication and database storage
- Designed responsive site for a smooth and accessible user experience

ePortfolio | *Java, Swing* — Dec 2021
- Developed an application to help users organize investments by providing options to add, sell, update and search for new and existing investments
- 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

Covid-19 Tracker | *Python, Matplotlib, Pandas* — April 2021
- Implemented a Covid-19 system to visualize the Government of Ontario's Covid-19 data sets
- Illustrated **50-60%** increase of vaccines and infection rates within Covid-19 hot spots and displayed them through visual graphs via **Matplotlib**