Yuto Chau

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EDUCATION

University of Waterloo
Bachelor of Computer Science (Co-op)

2023 – Present
Waterloo, ON

- Courses: OOP, Algorithm Design, Data Abstraction, Linux Bash Shell, Version Control (Git), Scripting, Testing, Debugging (GDB, Valgrind), Linear Algebra, Calculus, Probability

SKILLS

Languages: C, C++, Java, Bash, Python, JavaScript, HTML, CSS, MATLAB, Racket
Technologies: Azure, Visual Studio Code, Git, Linux, GCC, Clang, GDB, Valgrind, Vim, CLI, GitHub

EXPERIENCE

Waterloo Experience (WE) Accelerate – HosTalky
Quality Control Lead

May 2024 – Aug 2024
Waterloo, ON (remote)

- Collaborated with a diverse team to design and develop an AI strategy for a healthcare communication company
- Scraped and compiled data on **150+** healthcare industry executives across **67 hospitals**, providing client access to potential partners and enhancing opportunities for userbase growth
- Consolidated team goals, resolved conflicts, and delivered a comprehensive final report and presentation with recommendations tailored to client's goals

Shoppers Drug Mart
Sales Associate

Jun 2022 – Aug 2023
Kingston, ON

- Managed customer inquiries by telephone, resolving up to **20** issues daily with a nearly **100%** satisfaction rate
- Facilitated collaboration between team members and implemented time-saving strategies, optimizing productivity
- Operated flexibly across store departments as a cashier, merchandiser, and postal clerk

Kingsbridge Retirement Community
Server

Jul 2022 – Sep 2022
Kingston, ON

- Interacted respectfully with senior residents to provide exceptional service in a fast-paced environment
- Collaborated with teammates to coordinate meal service for **100 people**, ensuring a seamless dining experience

PROJECTS

Personal Website ⬈ | *HTML, CSS, JavaScript*

- Designed and deployed a fully responsive personal website optimized for mobile screens as small as 320 pixels, extensively utilizing responsive design features such as media queries and relative units
- Incorporated modern web technologies like Flexbox and CSS Grid to ensure consistent layout across browsers
- Achieved a perfect Lighthouse performance score of **100/100** through performance optimization

Chess ⬩ | *Java, Java Swing*

- Developed a chess game in **Java**, using strong object-oriented programming principles and the **JFrame** class
- Implemented efficient algorithms for checkmate detection, ensuring stability through rigorous testing

Space Invaders ⬩ | *Java, Java Swing*

- Built a 2D Space Invaders clone using **Java** object-oriented programming, incorporating features such as collision detection, a scoring system, and levels with increasing difficulty

CERTIFICATIONS

AI-900: Azure AI Fundamentals
Microsoft

Jun 2024

- Gained expertise in AI workloads, including ML, computer vision, NLP, and generative AI on Azure

AZ-900: Azure Fundamentals
Microsoft

Jun 2024

- Demonstrated knowledge of core cloud concepts, Azure architecture, and use cases for IaaS, PaaS, and SaaS models