

Dominic Chen

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SUMMARY OF QUALIFICATIONS

- Strong foundation in computer organization and logic, with the ability to analyze and troubleshoot complex systems
- Able to efficiently identify and resolve issues quickly, consistently offering innovative solutions to overcome challenges
- Excellent time management skills demonstrated through balancing academic and personal commitments
- Strong communicator with excellent interpersonal skills demonstrated through effective collaboration with team members and communication of ideas through Cooperative and work experience

EDUCATION

Bachelors of Science (Honours)

September 2022 - Present

Toronto Metropolitan University (Formerly Ryerson University), Toronto ON

- 4.1 / 4.33 Cumulative Grade Point Average
- Relevant Courses: Computer Science, Computer Architecture, Data Structures, Web Development, Cyber Security

WORK EXPERIENCE

Retail Associate

May 2023 - Present

Claw World, Toronto ON

- Tailored communication to accommodate customers' language preferences, including English and Cantonese, and utilized hands-on demonstrations when necessary.
- Provided excellent customer service by assisting customers at claw machines to help them win their preferred plush toys, ensuring a personalized and comfortable experience.
- Completed maintenance tasks such as polishing claw machine glass and ensuring a safe floor environment for customers.

Cast Member, Floor Team

August 2021 - August 2022

Cineplex Cinemas, Markham ON

- Demonstrated a strong commitment to guest satisfaction and safety by utilizing advanced cleaning techniques and equipment to maintain the highest standards of cleanliness and hygiene
- Presented excellent customer service skills by promptly and professionally responding to guests' requests and inquiries
- Proactively collaborated with team members to efficiently complete time-sensitive tasks

PROJECTS

self.translate

Python, CSS | Streamlit, OpenAI, Co:here, Google Translate API, OpenCV, MediaPipe, CVZone

- A user-friendly web application facilitating text translation, lesson plan creation, and sign language detection.
- Project for DeerHacks 2023 alongside three programmers.
- Developed a minimalist application using Streamlit.
- Employed OpenCV, MediaPipe, and Cvzone to achieve hand recognition.
- Utilized OpenAI to generate a lesson plan based on user language selection.

Java Quest

Java | Java API

- A 2D Adventure Game exclusively using Java's built-in class library.
- Utilized a wide array of built-in classes including javax.swing, java.awt, java.util, java.io, and javax.sound.
- Designed character sprites and tiles that enhance the game's visual appeal and gameplay.
- Implemented collision detection algorithms to elevate the realism and immersion of the gameplay experience.
- Deployed a pathfinding algorithm for entities targeting the player, enhancing the game's entertainment and level of challenge.

TECHNICAL SKILLS

- Languages: Python, Java, JavaScript, C, C++, 6809 Assembly, Lisp
- Technical: React.js, Streamlit, HTML5, CSS, Node.js
- Developer Tools: Eclipse, Spyder, VSCode, Spreadsheets, Figma, Photoshop, Illustrator, Premiere Pro, After Effects
- Core Skills: Front-End Development, Software Development, API Integration, UI/UX Design, Game Development



github.com/chen-dominic



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