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

TECHNICAL SKILLS

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

EDUCATION

Bachelors of Science (Honours)   September 2022 - Present (Expected 2027)
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, Data Management

PROJECTS

self.translate
Python, CSS | Streamlit, OpenAI, Co:here, Google Translate API, OpenCV, MediaPipe, CVZone
- Developed a user-friendly web application using Python and CSS, incorporating Streamlit, OpenAI, Co:here, Google Translate API, OpenCV, MediaPipe, and CVZone.
- Facilitated text translation, lesson plan creation, and sign language detection.
- Collaborated with a team of three programmers during DeerHacks 2023.

Java Quest
Java | Java API
- Created a 2D Adventure Game exclusively using Java's built-in class library.
- Utilized Java's javax.swing, java.awt, java.util, java.io, and javax.sound packages.
- Designed character sprites and tiles to enhance visual appeal and gameplay.
- Implemented collision detection algorithms for realism and immersion.
- Deployed a pathfinding algorithm for entities targeting the player, increasing entertainment and challenge.

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.
- Produced video content for social media platforms, resulting in an increase in the company's online following by 80%.

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.