

Dominic Chen

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TECHNICAL SKILLS

- Languages: Python, Java, JavaScript, C, C++, 6809 Assembly, Lisp, Bash
- Technical: HTML5, CSS, Node.js, Bootstrap, JQuery, React.js, Streamlit
- 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

PROJECTS

TMU CSA Website

September 2023 - Present

HTML, CSS, JavaScript | Bootstrap, jQuery, Angular.js

- Proposed and initiated the creation of an official website for Toronto Metropolitan University's Chinese Student Association to enhance their online presence and visibility.
- Engaging in both front-end and back-end development to create a user-friendly website, incorporating frameworks, such as Bootstrap, Angular, and jQuery.
- Conducting one-on-one meetings with the president to gather feedback to construct the website's design and functionality.
- Adapting to project requirements and swiftly learning various frameworks independently.

self.translate

April 2023

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

January 2023 - March 2023

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

- Tailoring communication to accommodate customers' language preferences, including English and Cantonese, and performing hands-on demonstrations when necessary.
- Providing 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, increasing the company's online following and engagement 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 complete time-sensitive tasks efficiently.

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, Discrete Mathematics.