Dominic Chen

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TECHNICAL SKILLS

- Languages: Python, Java, JavaScript, C, C++, Assembly, Lisp, Bash.
- Technical: HTML5, CSS, Node, React, React Native, Bootstrap, Tailwind, JQuery, Angular.js, Streamlit.
- Developer Tools: UNIX/Linux, Git/GitHub, Eclipse, VSCode, Figma, Photoshop, Illustrator, Premiere Pro, After Effects.
- Core Skills: Software Development, Web Development, Mobile Development, Game Development, Front-End Development.

PROJECTS

TMU CSA Website   September 2023 - Present
HTML, CSS, JavaScript | Tailwind, jQuery, React.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 and Cashier   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.
- Performed detailed data entry, money counting tasks, and analysis of sales data, improving daily sales by 65% and enhanced customer satisfaction by 45%.
- Utilize the company's database and software to manage and assist with VIP member accounts, demonstrating proficiency in working with customer relationship management systems.

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 Coursework: Discrete Mathematics, Software Engineering, Data Structures, Operating Systems, Discrete Structures.