ALVIN CAO

Toronto, Ontario

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Technical Skills

- **Languages:** JS, Typescript, HTML/CSS, C, Python, Java
- **Tools:** Git, Android Studio, Jira, Docker, Jenkins
- **Technologies/Frameworks:** Linux, GitHub, JUnit, TensorFlow, React, Nextjs

Relevant Experience

Software Developer   **May 2024 – Dec 2024**
Cineplex Digital Media   *Toronto, Ontario*

- Spearheaded the development of a high-visibility medal count application for CF malls during the Olympics, seamlessly deployed across **100+** digital screens nationwide, boosting customer engagement.
- Implemented critical updates to the LCBO application, enhancing functionality and user experience, contributing to a **25%** increase in sales performance.
- Executed thorough QA testing to identify and resolve bugs, ensuring seamless user experiences and reducing deployment issues.
- Collaborated with creative teams to integrate user interfaces into scalable web applications, enabling dynamic value manipulation.
- Demonstrated excellent organizational and time management skills by efficiently navigating and tracking tasks using JIRA.

Projects

Fake:It | *JS, Python, React, API*   **github.com/AlvinCao88/Fake-It**

- Collaborated in a team of four to develop an interactive AI system that analyzed facial expressions and captured speech to provide personalized feedback based on various personas/characters to enhance and boost the confidence and emotional well-being of students
- Achieved **17th** place ranking out of **300+** hackers with 80+ projects at Hack the Valley 8
- Created a responsive and user-friendly web interface using HTML, JavaScript, and Tailwind CSS to improve the user experience
- Integrated multiple APIs to enhance the functionality of the interactive AI system, allowing it to provide personalized feedback
- Implemented machine learning models with TensorFlow to analyze and interpret facial expressions accurately

Safe Haven | *React-Naive, CMS, JS*   **github.com/AlvinCao88/c01w24-project-Safe_Haven**

- Designed and developed a React-native app to enhance and implement other features requested by a non-profit organization crohnsandcolitis.ca
- integrated a headless Content Management System for better back-end management for tiered partners
- Improved the UI and user experience using the layout editor to ensure smooth interaction between different scenes by **60%**

Other Experience

Food World Chinese Restaurant   **Sep. 2018 – Sep. 2022**
Customer Service Manager   *San Juan, Trinidad*

- ∗ Managed the customer service and financial operations of the business for 4 years
- ∗ Increased the quality of the business by 10%
- ∗ Boosted productivity by 50% by delegating tasks and responsibilities among the staff
- ∗ Achieved 30% product revenue growth in 2 years by introducing a new system of operations

Education

University of Toronto Scarborough   **Sep. 2022 – Present**
Honours Bachelor of Science in Computer Science Specialist   *Toronto, Ontario*