Andy Giang

Fullstack Web Developer

Saskatoon SK | andygiang102@gmail.com | https://github.com/AndyCandyMandy

Skills & Experience

Programming & Markup Languages:
- Python, Java, C#, JavaScript, HTML, CSS

Databases:
- MySQL, CouchDB

Frameworks. Runtimes & Libraries:
- Express.js, Node.js, React.js, jQuery

Project Management Software (Tools & Platforms):
- Docker, Trello, Jira, Github, Gitlab

Development Practices:
- Agile Framework (Scrum), Cross-functional Collaboration, Documentation

Soft Skills
- Problem Solving, Time Management, Communication, Creativity, Attention to Detail

Projects

WizCat Adventure

Game Developer, Design Lead, & Artist   October - December 2023

GitHub: https://github.com/cmpt306team12/CMPT306-WizCat
- Developed and designed a complete Indie Game in 2.5 months, utilizing the Unity Engine, whilst incorporating best design practices for a visually engaging and intuitive user experience.
- Implemented character movement, interaction, and animation while collaborating closely with the team members to ensure our key mechanics were responsive and functional.

Warp Trials

Java Developer   March - April 2024

GitHub: https://github.com/AndyCandyMandy/warp-trials-mouse-to-target-research-program
- A research project designed to gauge and record different mouse warping mechanisms based entirely on Java and formatted through an MVC architecture, through a collaborative agile framework environment.
- Developed a grid-based cursor warping mechanism to enhance precise mouse navigation while collaborating in trial data implementation, organization, and visual representation.

Restaurant/Client Maintainable Website

Full-Stack Developer   June 2025

GitHub: https://github.com/AndyCandyMandy/restaurant-maintainable-website
- Built a user-friendly website allowing restaurant owners to independently update content, such as menu items and pricing, reducing their reliance on developers for important changes.
- Developed using React for the frontend, Node.js for the backend, and MySQL for database management, the website was containerized with Docker to ensure easy deployment.

Education

Bachelor of Arts & Science (BA & SC) - Interactive System Design

University of Saskatchewan, Saskatoon, SK

September 2021 - July 2025