

TINGYI(Joy) CHIANG

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EDUCATION

Bachelor of Science – Computer Science, Seattle University, Seattle WA

GPA:3.0

Dec 2022 – Dec 2024

SKILL

- Programming Languages: JavaScript, C#, MySQL
- Frameworks and Tools: React, Node.js, GIT
- Agile Soft Skills: Agile development, Team-Development, Project Management, Technical Research Professional

PROJECT

Capstone Project – Empowering data-driven decision-making of Catholic Schools

Time: Fall 2023 - Spring 2024 | Tools: Node.js, MySQL, GitHub, AWS

- Collaborated with a cross-functional team of 4 to design and implement a centralized database system for managing school operations across 10+ schools.
- Played rotating roles (e.g., Project Manager, System Architect, Business Analyst, Developer) in an Agile environment, ensuring project milestones were delivered on schedule.
- Streamlined the process for collecting and analyzing financial reports, staff data, and student demographics, reducing manual reporting time by an estimated 30%.

Small Project – Webcam API | Summer 2024 | Tools: Node.js, React

- Designed and implemented a web-based feature allowing users to capture photos and record videos directly through their webcam.
- Integrated automatic file management functionality to ensure media files were seamlessly saved locally, enhancing user convenience.
- Demonstrated expertise in front-end and back-end development, working independently to deliver a fully functional, interactive media feature.