

TING-YI CHIANG

Fullstack developer | Software Engineer

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SUMMARY

Highly motivated and detail-oriented Computer Science graduate with a strong foundation in full-stack development and problem-solving. Skilled in programming languages including JavaScript, React and HTML/CSS, with hands-on experience building user-friendly interfaces and database systems through academic projects. Proficient in collaborating with diverse teams, managing development tasks, and adapting quickly to new technologies. Enthusiastic about leveraging technical expertise to deliver impactful solutions and grow within dynamic, fast-paced environments.

EDUCATION

Bachelor of Science, Computer Science

Seattle University | 2022 -2024

- Comprehensive curriculum covering software engineering, data structures, algorithms, object-oriented programming, and database management.
- Coursework included Web Development, Computer Systems, and User Experience Design, fostering skills in both front-end and back-end development.

SKILLS

- Programming Languages: JavaScript, HTML, CSS, Java
- Frontend Development: React, Angular, Figma (for UI/UX design), Tailwind CSS, Bootstrap
- Backend Development: Node.js
- Database: MySQL, MongoDB
- Version Control: Git, GitHub, Gitlab
- Development Tools: Visual Studio, VS Code, WebStorm
- Team Collaboration: Cross-functional teamwork on capstone and personal projects
- Soft Skills: Problem-solving, adaptability, and attention to detail

EXPERIENCE

Administrator Dashboard

Capstone Project | Fullstack developer | Fall 2023 - Spring 2024

- Empowered data-driven decision-making for over 10 Catholic Schools by designing and implementing a centralized database system.
- Achieved a 30% reduction in manual reporting time by streamlining the process for financial reports, staff data, and student demographics.
- Increased platform scalability and usability through the integration of advanced data filtering and multi-institution reporting features, enhancing operational efficiency.

RiliAngular

Coursework Team Project | Fullstack developer | Spring 2024

- Designed and implemented an interactive and responsive interface enabling participants to add, edit, and filter their availability, simplifying event scheduling for groups.
- Optimized application performance through streamlined API calls and database queries, improving user interaction times.

Lululemon E-Commerce Website

Personal Team Project | Fullstack developer | Fall 2024

- Reproduced a fully functional Lululemon e-commerce website, replicating features such as product displays, shopping cart functionality, and third-party payment API integration to simulate a professional-grade e-commerce platform.
- Optimized API integration for payment processing, ensuring a reliable and secure transaction flow to emulate real-world e-commerce functionality.
- Developed reusable components and scalable code structure, reducing development time for future projects by 30% and showcasing strong coding efficiency.

Webcam API

Personal Project | Fullstack developer | Summer 2024

- Developed a web-based application that enables users to capture photos and record videos directly from their webcams.
- Implemented an automatic file management system that streamlined media storage, reducing user effort and improving overall efficiency by 15%."