

YOUTONG XU

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EDUCATION

TECHNICAL SKILLS

- Python
- Java
- JavaScript(React)
- SQL
- HTML
- CSS
- Tools(Git, Figma, Visual Studio Code)
- Blackbox Testing
- End-user Testing

Master of Data Science

Monash University, Melbourne, Australia, August 2025-December 2026

Bachelor of Computer Science

Monash University, Melbourne, Australia, August 2023-July 2025

- Relevant Coursework: Database, algorithm and programming fundamentals in python, advanced data structures and algorithms, object oriented design and implementation, computer networks, computer science project, programming paradigms, introduction to computer science, data wrangling, statistical data modeling, project management etc.

PROJECTS

Task Management Web App

Monash University Capstone Project-Computer Science Project 1&2

- Developed a full-stack web app for university students using MERN stack, focusing on frontend development and UI design.
- Created responsive interfaces with React and CSS, designed wireframes/prototypes in Figma, and implemented QA processes to test functionality.
- Collaborated in an Agile team using Git for version control; delivered a user-friendly product meeting all requirements.

Personal Portfolio Website-<https://www.youtongxu.com/>

- Build a responsive portfolio website with React + TypeScript
- Implement a dual-theme system (Professional Edition and Stardew Valley mode) as well as bilingual support

EXPERIENCE

Front-end developer intern, June 2025 - July 2025

Huaxin Securities Co., LTD., System Development Department

- The π space mobile reservation platform was developed using the Vue 3+TypeScript+Vite technology stack, achieving functions such as interactive map navigation, real-time API integration
- Utilize the Pinia architecture state management system to achieve cross-component data sharing and session persistence, reduce prop passing, and enhance code maintainability.
- Build a responsive UI using Vant components and Less custom styles, and integrate third-party apis such as Baidu Maps to improve user experience

Estimator, Dec 2024 - Feb 2025

Melbourne Interior, Melbourne, Australia

- Analyze the construction plan, estimate the cost, coordinate with various stakeholders, and develop communication and teamwork skills

INTERESTS

- Frontend Framework Innovation: Practical implementation of React's latest features
- Interaction Design Research: Prototype iteration through Figma workflows
- System Visualization: UML sequence/class diagram modeling for architectural clarity

PROFESSIONAL SUMMARY

Front-end developers with practical experience in both Vue 3 and React technology stacks. During the internship, I developed a mobile reservation platform using the front-end technology stack (Vue 3 + TypeScript + Vite) and was capable of delivering production-level applications. With full life cycle development experience in the MERN technology stack, covering the entire process from requirement analysis, system design (UML modeling) to quality assurance. Proficient in UI/UX prototyping (Figma) and agile development methodology. Seeking a front-end development position to deepen engineering practice capabilities, expand technical boundaries in industrial-level projects, and leverage language advantages (English/Mandarin) to lay a solid foundation for team collaboration and career development.