

Xiyu Wang

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https://github.com/Wxy2003-xy

EDUCATION

National University of Singapore, *B.Comp (Computer Science) & BBA Double Degree (Hon.)* Aug 2023 - Present

- Science and Technology Scholarship, 2023
- Track(Computer Science): Algorithm and Theory & Software Engineering
- GPA (Computer Science): 4.17/5.0. GPA (Business Administration): 4.00 / 5.0

Dunman High School

All Distinctions, GCE 'A' Levels, Jan 2021 - Dec 2022

- MOE school-based full scholarship, 2018 - 2022
- Singapore Chemistry Olympiad, Silver, 2022

WORK EXPERIENCE

Front-end development intern at Shandong Yuandun Network Technology (Firmware), Dec 2024 - Jan 2025

- Collaborated with senior developers to align frontend updates with business needs using Vue.js framework.
- Contributed to UI updates by implementing minor feature enhancements in response to evolving user needs.
- Assisted in integrating new UI elements WeChat mini programs, ensuring consistency with the existing design system.
- **Tech Stack**
Vue.js, WeChat mini program, Git

PROJECTS

NUSPlanner, CP2106 Software Engineering Project

Link: <https://wxy2003-xy.github.io/NUSplanner/>

- Developed a university planner serverless web app using React.js, TypeScript, deployed to Github Pages.
- Implemented constrained search algorithm to generate conflict-free and customizable schedule recommendations.

Open-Source contribution: NUSMods

Link: <https://github.com/nusmodifications/nusmods/pull/3758>

- Fixed bugs in certain edge cases in course prerequisite check

RealConnect, CS2103 Software Engineering

Link: <https://github.com/AY2425S1-CS2103-F09-2/tp>

- Developed a cross-platform Java contact management application with JUnit, JavaFX, and Gradle.
- Adopted an iterative development approach, rigorously implemented continuous integration/testing pipelines, and maintained meticulous documentation throughout the development lifecycle.

Ultimate Tic-Tac-Toe AI: CS2109S Project

Link: [To be published post-semester due to academic integrity policy]

- Gained hands-on experience with ML frameworks such as torch and sklearn

SKILLS

Programming Languages: Java(Proficient), Python, C, C++, TypeScript(Proficient), R

Front-end Frameworks: React.js, Vue.js

Tools & Technologies: Git, Github, Gradle, JUnit

Others: Microsoft Office Excel, PowerPoint

LANGUAGES

English, Chinese (Mandarin)

Relevant Coursework:

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|----------------------------------|------------------------------------|----------------------------------|
| • Data Structures and Algorithms | • Intro to AI and Machine Learning | • Legal Environment for Business |
| • Computer Organization | • Operating System | • Business Communication |
| • Software Engineering | • Intro to Business Analytics | • Finance |
| • Theory of Computation | • Accounting for Decision Makers | |

Co-curriculum activities

- NUS Helix house badminton, 2023-2024
- NUS Fingerstyle society, 2023
- Dunman High School String Ensemble, 2021-2022