

CHEN YIXUN

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EDUCATION

National University of Singapore

Aug 2023 - Sep 2027

Bachelor of Computing in Computer Science

- GPA: 4.90 / 5.0

INTERNSHIP & EXPERIENCE

Student Frontend Developer, Source Academy, Singapore, Singapore

Jan 2024 – July 2024

- Developed the frontend with React and Phaser for the Source Academy teaching platform of course CS1101S Programming Methodology I, for one semester.
- Collaborated with a partner to develop the SA Game of the Source Academy learning platform using Phaser and TypeScript, working on improving UI/UX and implementing a new quiz feature.

Full-Stack Web Developer, PersonAI, Singapore, Singapore

May 2024 – August 2024

- Utilized generative AI with Gemini API and OpenAI Whisper transformer to assist work of mental health practitioners.
- Developed a web application using React and Flask to provide services of session document summaries, meeting transcription and sentimental analysis about patients' conditions.

Student Teaching Assistant, NUS, Singapore, Singapore

August 2024 – November 2024

- Conducted weekly 2-hour tutorials with a group of eight students from course CS1101S Programming Methodology I.

Software Developer, Google Developer Student Club NUS, Singapore, Singapore

August 2024 – Present

- Developed a mobile-responsive web application that serves as a comprehensive platform for both event management and member loyalty for Singapore Book Council.

AWARDS AND SCHOLARSHIP

- NUS School of Computing Dean's List AY23/24 Sem 2
- NUS School of Computing Dean's List AY23/24 Sem 1

PROJECTS

Contributor, RepoSense@NUS-OSS, Singapore, Singapore

Jan 2025 – Present

- Contributed to RepoSense, an open-source project built with Java and Vue.js that analyzes Git repository contributions for code authorship attribution.
- Optimized features to provide better insights into contributor activities and repository metrics.

ACTIVITIES & COMPETITIONS

Singapore Physics Olympiad 2021

- Competed in the Singapore Physics Olympiad 2021 and obtained bronze medal

Singapore Mathematics Olympiad 2022 (Open)

- Represented school in the Singapore Mathematics Olympiad 2022 and obtained bronze medal

International Mathematical Modeling Contest (IMMC) 2022

- Led a team of 4 to complete a report on airplane boarding plan in the IMMC Singapore 2022 and won award of high distinction. Represented Singapore in the IMMC 2022

TikTok TechJam 2024

- Participated in TikTok TechJam 2024 and developed an AI writing assistant web application using React for frontend and Django for backend.