

## CHEN YIXUN

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### EDUCATION

**National University of Singapore**  
**Bachelor of Computing in Computer Science**

**Aug 2023 - Sep 2027**

- 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 CS1101 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**

- Maintained RepoSense - an open-source project that uses Java and Vue.js for analyzing the contributions of individual contributors of Git repositories for line-by-line code authorship attribution.

### 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.