Roger Zhang

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EDUCATION

National University of Singapore   Aug 2025 – Jul 2029
Bachelor of Computing, Computer Science

- Awarded the NUS Merit Scholarship
- Studied in Residential College 4 under the University Town College Programme

Raffles Institution   Jan 2017 – Dec 2022
GCE A Levels, 7 Distinctions

- Raffles Academy: Physics, Mathematics, Chemistry

EXPERIENCE

Hypotenuse AI ↗   Singapore
Growth and Operations   Jan 2025 – Jun 2025

- Spearheaded inbound and outbound sales, CRM, lead qualification and high-profile outreach while also driving research and analysis to enhance product offerings in a rapidly evolving industry.
- Ensured seamless platform onboarding for Fortune 500 clients and resolved any requests within 12 hours.
- Managed recruitment for multiple roles, screening thousands of candidates and scheduling weekly interviews.
- Boosted productivity of data workflows through automation with Python scripts and Pandas.

Singapore Physics League ↗   Singapore
Problem Setter   Sep 2022 – Jun 2025

- Devised a plethora of creative and insightful problems for SPhL 2023 and SPhL 2024 which were warmly received by participants.
- Reviewed other setters' problems to validate their accuracy and improve their quality.

Deputy Chief Organiser   Aug 2023 – Jul 2024

- Led a team of 18 members to host the 4th Singapore Physics League, which garnered over 3000 participants from 109 schools.

TECHNICAL SKILLS

Frontend: JavaScript, TypeScript, HTML
Backend: Python, SQL
Frameworks: React, Tailwind CSS, Node.js
Others: NumPy, Pandas, Git, LaTeX

AWARDS

National AI Student Challenge, 1st Place [GitHub ↗]   May 2025

- Team leader, full-stack engineer and UI/UX designer.
- Built **CivicAId**, a conversational assistant that helps citizens report municipal issues, which are agentically funnelled to the appropriate agency for resolution.
- Tech stack: React (Vite), Express (Node.js), Flask, PostgreSQL (Neon DB), Huawei Cloud ECS.

Singapore Physics Olympiad, Silver Award   Nov 2021

Singapore Young Physicists' Tournament, 2nd Place   Feb 2020

- Team leader, attained Gold after multiple Physics fights.
- Conducted 4 months of intense research, experimentation, and strategic planning.