Roger Zhang

✉ rogerzhangxh@gmail.com   📞 +65 86522908   🔗 rogerzhang888.github.io

in Roger Zhang   ⭘ rogerzhang888

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 conducting weekly interviews.
- Enhanced productivity of numerous processes through automation with Python scripts and Pandas.

Singapore Physics League ↗   Singapore
Deputy Chief Organiser   Aug 2023 – Jul 2024
- Led a team of 18 members to successfully host the 4th Singapore Physics League, which garnered over 3000 participants from 109 schools.

Problem Setter   Sep 2022 - Jul 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 ensure their accuracy and enhance their quality.

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 Olympaid, Silver Award   Nov 2021
Singapore Young Physicist's Tournament, 2nd Place   Feb 2020
- Team leader, attained Gold after multiple Physics fights.
- Conducted 4 months of intense research, experimentation, and strategic planning.