Nathan Wang

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Skills

- LANGUAGES: C# | Python | Java | JavaScript | HTML/CSS | SQL | Matlab
- TECHNOLOGIES: React | Git | .NET | MySQL | Spring Boot | Node
- TESTING: GitHub Actions | JUnit | Jest

Experience

Sessional Academic, Queensland University of Technology   03/2023 - Current

- Tutoring EGB103: **Python** and data processing with **pandas,** covering programming fundamentals, and data visualisation.
- Peer learning facilitator for EGB120: Foundations of electrical engineering and circuit analysis.

Co-Founder, 99 Plus Education   06/2022 - Current

- Lead the creation of our resources product, delivering high school exam practice material & worksheets to students.
- Co-lead team of 6 across marketing, **frontend,** and **backend development** to scale to 25+ tutors on our platform.
- Developed automations in **Google Apps Script** to track file sharing, permission, and payments for large user datasets.
- Built and deployed website using Webflow CMS. Built and tested product delivery pipeline using SaaS tools (Zapier, Integromat).

Infrastructure Team, Code Network   09/2022 - Current

- Collaborated in a team of 5 to develop and deploy Code Network website using **React and Vite**.
- **Continuous Integration/Deployment** pipeline, with pull requests, code reviews, and **Github Actions** testing.

Private Tutor   02/2021 - Current

- Specialist Mathematics tutoring in compliance with QCAA curriculum. Created and maintained individual study plans to assist students in achieving academic goals.

Education

Queensland University of Technology, Bachelor of Engineering (Honours)   02/2022 - 11/2025

- Major in Computer and Software Systems
- Academic Excellence Scholar
- Engineering Dean's Scholar 2022
- GPA 6.50

Mansfield State High School, ATAR 99.70   Graduated 2021

- Dux of physics 2021
- Dux of economics 2019, 2020

Projects

- OO C# terminal based auction program with registration, login, selling, purchasing, bidding, and search features.
- Python Sudoku game with unique grid generation algorithm, multiple difficulties and live input solution checking.

Interests

- Interest in finance news and investing, with a passion for identifying potential value investment opportunities.
- Reading self help books, including the literature of Dale Carnegie, Marcus Aurelius, James Clear, Benjamin Graham, Napoleon Hill, etc.