

## Education

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### Singapore Polytechnic

#### Diploma in Applied AI & Analytics

Apr 2022 — Apr 2025

- GPA: 3.86 (cumulative, 4th semester)
- Relevant Coursework: Data Analytics & Visualisation, Machine Learning, Deep Learning, Pure Mathematics, Full Stack Web Development

## Professional Experience

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### Oracle

#### Software Engineer Intern

Apr 2024 — Jan 2025

- Developed and implemented automated tools for sales teams to increase productivity
- Designed and built a centralized content management system (CMS) for email components, enhancing brand consistency and reducing content creation time
- Built applications with Oracle APEX (low-code), PL/SQL, and JavaScript

### Microtube Technologies Pte. Ltd.

#### Intern

Mar 2023 — Apr 2023

- Designed and created a cyclic fatigue testing device using Fusion360 and additive manufacturing techniques
- Reduced automated testing time of a wearable sensor from 2-3 hours to half an hour.

### School of Robotics (SOR) Pte. Ltd.

#### Teaching Assistant

Dec 2021 — Mar 2022

- Tailored robotics teaching materials for students, aged 12 and under, to build a solid foundation, based on a constructivist pedagogy
- Assisted in classes of 5 to 10 students, providing individualized support and guidance to ensure understanding and application of robotics concepts

## Skills

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- Programming Languages: Python, JavaScript, SQL, PL/SQL
- Machine Learning: PyTorch, TensorFlow, Scikit-learn,
- Data Analytics: NumPy, Pandas, Matplotlib, Seaborn, Tableau
- Databases: MySQL, Oracle DB, PostgreSQL, MongoDB
- Web Development: HTML/CSS, Node.js, Vue.js, Nuxt.js, Flask, TailwindCSS
- Others: Oracle APEX, Fusion360

## Awards & Memberships

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| • Singapore Polytechnic School of Computing — Director's Honour Roll | 2023 — 2024 |
| • Singapore Polytechnic Robotics Club — Vice President               | 2023 — 2024 |
| • WRO (World Robot Olympiad) International Panama — Senior 9th       | 2023        |
| • Fuhua Secondary School Robotics Club — Vice Chairperson            | 2020 — 2021 |
| • WRO International Canada — Junior 1st                              | 2020        |
| • WRO International Hungary — Junior 19th                            | 2019        |

## References

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References from previous employers and academic supervisors available upon request.