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Glenn Wu

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Education

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

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.
R&D Engineering 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

- **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

- 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

References from previous employers and academic supervisors available upon request.