

Teo Kai Jie (Kendrick)

Singapore | 6thetce@gmail.com | <https://pixelhypercube.github.io> | <https://github.com/pixelhypercube>

EDUCATION

Bachelor of Computing (Honours) in Computer Science Nanyang Technological University, Singapore <ul style="list-style-type: none">Current CGPA: Honours (Highest Distinction)	Aug 2024 - Present
Diploma in Information Technology Singapore Polytechnic <ul style="list-style-type: none">Final CGPA: 3.80 / 4.00	Apr 2019 - May 2022

EXPERIENCE

Singapore Armed Forces <i>Administrative Support Assistant</i>	Dec 2022 - Aug 2024 Singapore
<ul style="list-style-type: none">Developed a QR Code attendance scanning system to streamline check-ins for non-training events, integrating email-generated QR codes for seamless verification.<ul style="list-style-type: none">Successfully deployed the system during Total Defence Day, enabling 200+ participants to scan their attendance efficiently and reduced check-in time by ~50%.Ensured data accuracy and document quality using Excel and Word, while supporting ~15 users/month with inquiries related to internal automated systems.	
Web Developer <i>Freelance</i>	Feb 2022 - Oct 2022 Singapore
<ul style="list-style-type: none">Improved intranet platform functionality and user experience for EcoExchange Pte. Ltd. as part of SP Final Year Project using HTML/CSS/JS.Implemented internal JavaScript logic and CRUD operations to enable interactive data retrieval and updates from the backend.Reduced technical issues by ~30% and improved interface efficiency by ~50% through targeted front-end optimizations.	
Leaptron Engineering Pte. Ltd. <i>Software Engineer (Internship)</i>	Feb 2021 - Aug 2021 Singapore
<ul style="list-style-type: none">Developed and tested full-stack solutions, including Android applications (Java), C# applications, and Node.js servers, with database management in MySQL, improving system responsiveness by ~30% and assisting 20+ staff with digital adoption.Used UI/UX tools and IoT technologies (Appgyver, Modbus) to enhance system functionality, enhancing UI feasibility by ~20%Provided debugging support and technical assistance to warehouse staff adopting new software	

PERSONAL PROJECTS

RActive (Figma) <ul style="list-style-type: none">Designed a Figma prototype to support rheumatoid arthritis (RA) management, featuring AI coaching, exercise/diet logging, journaling, forums, and accessible UI (e.g. one-handed mode).Developed for CC0005 – Healthy Living and Wellbeing at NTU
Minigolf Game (Python) <ul style="list-style-type: none">Engineered a physics-based minigolf game in Python using the 'pygame' module, simulating realistic ball movement and interactive obstacles across 10 unique levels.

TECHNICAL SKILLS

- Programming & Web Technologies:** HTML, CSS, JavaScript, Node.js, React.js, MySQL, MongoDB, C++, Java, Python, C#, Android Development, LaTeX, Heroku
- Tools & Platforms:** Git, Figma, Microsoft Office Suite
- UI/UX & Design:** Figma, Canva

ADDITIONAL INFORMATION

- Languages:** English (Native), Mandarin Chinese / Japanese (Intermediate), Teochew (Conversational), Korean / Spanish / Malay (Basic)
- Awards & Activities:** NTU Inter-Hall Olympiad Games 2025 – Track and Field (1st Runner-Up), SOC Director’s Honour Roll AY2019/2020 – Singapore Polytechnic, Designing Solutions for Youth Needs Hackathon Winner (2019)