

# Teo Kai Jie (Kendrick)

## Computer Science Undergraduate @ NTU

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

EDUCATION

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

EXPERIENCE

<b>Singapore Armed Forces</b> <i>Administrative Support Assistant</i> <ul style="list-style-type: none"><li>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"><li>Successfully deployed the system during Total Defence Day, enabling 200+ participants to scan their attendance efficiently and reduced check-in time by ~50%.</li></ul></li><li>Ensured data accuracy and document quality using Excel and Word, while supporting ~15 users/month with inquiries related to internal automated systems.</li></ul>	<b>Dec 2022 - Aug 2024</b> Singapore
<b>Web Developer</b> <i>Freelance</i> <ul style="list-style-type: none"><li>Improved intranet platform functionality and user experience for EcoExchange Pte. Ltd. (SP Final Year Project), enhancing data interactivity by implementing internal JavaScript logic and CRUD operations to retrieve and update backend data, and reducing interface-related inefficiencies by ~50%.</li></ul>	<b>Feb 2022 - Oct 2022</b> Singapore
<b>Leaptron Engineering Pte. Ltd.</b> <i>Software Engineer (Internship)</i> <ul style="list-style-type: none"><li>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 10+ staff with digital adoption.</li><li>Used UI/UX tools and IoT technologies (Appgyver, Modbus) to enhance system functionality.</li><li>Provided debugging support and technical assistance to warehouse staff adopting new software.</li></ul>	<b>Feb 2021 - Aug 2021</b> Singapore

PERSONAL PROJECTS

<b>RActive (Figma)</b> <ul style="list-style-type: none"><li>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).</li><li>Developed for CC0005 – Healthy Living and Wellbeing at NTU</li></ul>
<b>Minigolf Game (Python)</b> <ul style="list-style-type: none"><li>Engineered a physics-based minigolf game in Python using the 'pygame' module, simulating realistic ball movement and interactive obstacles across 10 unique levels.</li></ul>

ADDITIONAL INFORMATION

<ul style="list-style-type: none"><li><b>Technical Skills:</b> HTML/CSS/JS, Node.js, MySQL, MongoDB, UI/UX Design, C#, Java, C++, React.js, Python, Microsoft Office Suite, Android Development, Figma, Git</li><li><b>Languages:</b> English (Native), Mandarin Chinese/Japanese (Intermediate), Teochew Chinese (Conversational), Korean/Spanish/Malay (Elementary)</li><li><b>Awards/Activities:</b> 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)</li></ul>
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