

TEO KAI JIE (KENDRICK)

COMPUTER SCIENCE UNDERGRADUATE @ NTU

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

EDUCATION

Bachelor of Computing (Hons) in Computer Science

Aug 2024 - Present

Nanyang Technological University, Singapore

- Current CGPA: Honours (Highest Distinction)

Diploma in Information Technology

Apr 2019 - May 2022

Singapore Polytechnic

- Final CGPA: 3.80
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WORK EXPERIENCE

Singapore Armed Forces

Dec 2022 - Aug 2024

Administrative Support Assistant

- Developed a QR Code attendance scanning system to streamline check-ins for non-training events, integrating email-generated QR codes for seamless verification.
- Successfully deployed the system during Total Defence Day, enabling 200+ participants to scan their attendance efficiently.
- Ensured data accuracy and document quality using Excel and Word, while assisting users with inquiries related to internal automated systems.

Web Developer (Freelance)

Feb 2022 - Oct 2022

- Improved intranet platform functionality and user experience for EcoExchange Pte. Ltd. (Singapore Polytechnic Final Year Project).
- Developed responsive front-end features using HTML, CSS, and JavaScript, enhancing usability for internal users.

Leaptron Engineering Pte. Ltd.

Feb 2021 - Aug 2021

Software Engineer (Internship)

- Developed and tested full-stack solutions, including Android apps (Java), C# applications, and Node.js servers, with database management in MySQL.
 - Worked with UI/UX tools and IoT technologies (Appgyver, Modbus) to improve system functionality.
 - Supported warehouse staff in adopting new software, providing debugging and technical assistance.
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PERSONAL PROJECTS

RActive (Figma)

- 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 (Pygame)

- Engineered a physics-based minigolf game in Python (pygame), simulating realistic ball movement and interactive obstacles across 10 unique levels.
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ADDITIONAL INFORMATION

Technical Skills: HTML/CSS/JS, Node.js, MySQL, UI/UX Design, C#, Java, C++, React.js, Python, Microsoft Word/Excel/Powerpoint, Android Development

Languages: English (Native), Chinese (Limited Working Proficiency), Japanese (Limited Working Proficiency)

Activities/Awards: NTU Inter-Hall Olympiad Games 2025 - Track and Field (2nd Runner Up), SOC Director's Honour Roll AY2019/2020 (Singapore Polytechnic), Designing Solutions for Youth Needs Hackathon Winner (2019)