Ng Junhao Marcus

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EDUCATION

Singapore University of Technology and Design   **Sep 2021 to Present**
- Bachelor of Engineering (Computer Science and Design), Honors
- Minor in Artificial Intelligence and Digital Humanities
- Date of graduation: May 2025

WORK EXPERIENCE

JEN, NUS Venture Initation Programme (VIP) Incubated Startup   **June 2024 to Aug 2024**
Product Lead, Summer
- Designed user flow diagrams and UI screens for a mobile application, resulting in an increase in overall user satisfaction during private beta testing
- Led and maintained design documentation, ensuring clear communication and alignment between design and development teams, resulting in 25% decrease in development time for new features

Central Provident Fund Board   **Sep 2023 to Dec 2023**
Software Engineer, Winter Internship
- Developed a full-stack web application for proprietary Gen AI web application in React and FastAPI, reducing customer correspondence time by 60% within 4 weeks
- Actively participated in user research and facilitated usability testing across various departments to translate business needs to technical features, ease adoption of software across the board

PROJECTS

SUTD Orientation Website | NextJS, TailwindCSS   **July 2024 to Sep 2024**
- Collaboration with SUTD orientation team to translate proposed UI design (Figma) to a NextJS web application showcasing orientation theme, event details and FAQs to disseminate information to incoming freshmores

Temasek x SUTD GenAI Hackathon   **May 2024**
Clause Genie (Closed Source) | React, Vite, Django (Python), Firebase
- Developed an in-house Gen AI app to simplify legal document management for non-legally trained procurement officers
- Worked with Temasek stakeholders within the procurement department to transform business requirements to technical solutions, potentially reducing time spent classifying legal documents by 70%

Singapore University of Technology and Design
Rentomatic (Client Project) | MongoDB, Express, React, NodeJS   **Jul 23 to Aug 23**
- Led a team of 7 to design a one-stop tenant-landlord web portal using MERN (MongoDB, Express, React, NodeJS) stack
- Designed and developed the frontend of a fully responsive website with backend integration to service tenant requests and handle contracts within 8 weeks

CO-CURRICULAR ACTIVITIES

SUTD AI Interest Group   **Mar 2024 to Present**
Director of Marketing and Public Relations
- Cofounded SUTD's AI interest group, growing the community from 10 to 250 members in 2 months through effective marketing and hosting workshops to build foundations in Artificial Intelligence
- Organized and conducted the club's first workshop on Machine Learning during the school term with over 70 physical attendees, and a virtual 3-day Data Science week over summer, attracting more than 20 participants daily

ROOT, SUTD Student Government
ROOTech Director   **Feb 2024 to Present**
- Developed SUTD's Orientation Website for a freshmore batch of 400 students, showcasing orientation theme and activities
- Involved in revamping SUTD's ROOT (Student Life) Website UI/UX Design and acted as scrum master to oversee development progress on a weekly basis, improving overall site usability and user satisfaction

ADDITIONAL INFORMATION
- Technical Skills: Python, JavaScript, C, C++
- Languages: Native English; conversational Mandarin
- Activities and Hobbies: Travelling, Calisthenics