

Jeromy TAN You Ren

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Education

Aug 2023 - Present	National University of Singapore Bachelor of Engineering (Computer Engineering), Honours Expected Graduation: Jul 2027	Singapore
Jan 2019 - Dec 2020	Saint Andrew's Junior College Singapore-Cambridge General Certificate of Education Advanced Level <ul style="list-style-type: none">• Subjects: Math, Biology, Chemistry, History, Project Work• Most Improved Student Award	Singapore

Experience

May 2024 – Aug 2024	Qarbotech (NUS Overseas Colleges Kuala Lumpur) <i>Research and Operations Intern</i> <ul style="list-style-type: none">• Synthesised <u>2 internal training guides</u> for future hires within the operations and research department• Conducted <u>3 field visits</u> to confirm project assumptions and discover current research gaps to propose new research methods• Developed responsive charts to reflect the moving average from crop yield improvements of <u>130+ projects</u>• Collaborated with marketers and designers to boost social media presence and create a new website, resulting in a <u>600% increase</u> in retail sales	Malaysia
May 2023 – Jul 2023	NCS Group <i>Business Analytics Intern</i> <ul style="list-style-type: none">• Collaborated with project manager to construct and achieve project milestones through SAP cloud analytics• Transformed insights from mobile and web app usage into feasible solutions and saw to their timely execution• Reviewed <u>10+ programs</u> and assisted with quality testing before deployment of code in production• Cultivated strong relationships with <u>6 clients</u> through value creation and effective communication	Singapore

Extracurricular Activities

Nov 2023 - Present	NUS Students' Union Video and Photographic Committee <i>Photography Director</i> <ul style="list-style-type: none">• Conducted photography lessons for members fortnightly• Planning of committee workshops, events and gigs	Singapore
Oct 2023 – Apr 2024	NUS Entrepreneurship Society <i>Operations Executive</i> <ul style="list-style-type: none">• Organised a weekend hackathon for <u>over 150 participants</u> to develop and pitch their business ideas with the guidance of seasoned veterans in the start-up industry• Took charge of event venue procurement, secured <u>9 sponsors</u> and settled event logistics <u>within 2 months</u>• Outlined event timeline for participants and panellists to ensure smooth event flow• Empowered aspiring student entrepreneurs to innovate and devise AI-centric solutions addressing the 17 United Nations SDGs.	Singapore

Project Experience

Jan 2024	Hack&Roll 2024 <ul style="list-style-type: none">Created a task manager to boost users' daily productivityLearned how to create a desktop application for windows using Python and convert it into an executable file	Singapore
May 2023	DSTA Brainhack <ul style="list-style-type: none">Explored neural networks and training loops with PyTorchGained knowledge of implementing an automatic speech recognition and image recognition modelCreated user interface of a notetaking application with React Native and SQLite	Singapore
Aug 2023 – Sep 2023	ADA Business Messaging Hackathon <ul style="list-style-type: none">Designed a highly scalable triage chatbot which utilises Node's natural language processing for medical institutions	Singapore
Dec 2022	Lion City Hacks <ul style="list-style-type: none">Collaborated with 4 team members from different countries to develop a decision-making model using JavaScript and FlaskUtilised data of over 3000 laptop models to determine the 3 most suitable devices for a person based on their personal usage patterns	Singapore

Skill Sets & Proficiency

Office Productivity	Microsoft Word Microsoft PowerPoint Microsoft Excel	Proficient Proficient Proficient
Multimedia	Adobe Lightroom Canva Figma Final Cut Pro	Proficient Proficient Intermediate Basic
Web	HTML, CSS Django Flask	Proficient Basic Basic
Programming	C C++ Python	Intermediate Intermediate Intermediate
Scripting	JavaScript Shell Scripting	Basic Basic
Non-technical Skills	Wireframing Writing/Publications	Basic Basic

Language Proficiency

Spoken	English – fluent; Mandarin – fluent
Written	English – proficient; Chinese – intermediate