

Yu Tung Chen

Singapore, 81638665, yutung_chen@mymail.sutd.edu.sg

Date of birth	27 February 2002	Nationality	Singaporean
Place of birth	Singapore		

LINKS [3D Portfolio](#)

PROFILE Enthusiastic and motivated learner seeking to expand her knowledge. Eager to contribute through hard work, attention to detail and people skills. Clear understanding of tasks at hand and a fast learner.

EMPLOYMENT HISTORY

Jul 2024 — Aug 2024	Data Analytics Intern, UMC Summer Internship Program Taiwan
	Applied data analytics to optimize semiconductor processes and collaborating on real-world projects to drive data-driven decision-making and innovation.
Jun 2023 — Aug 2023	Software Engineer, Sharker Technology
	<ul style="list-style-type: none">Extensive experience in handling complex queries and managing communications within the HR departmentLeveraging strong problem-solving skills, attention to detail, and a foundation in information technology.Develop strong background in data management, process optimization, and technical support
Aug 2021 — Dec 2021	HR, Singapore Exchange , SGX Singapore
	<ul style="list-style-type: none">Refactored legacy codebases for improved maintainability, paving the way for easier future updates.Offered experience with Javascript, Flutter and Node-Red.Consistently met project deadlines by effectively managing time and prioritizing tasks according to importance.Tuned IoT devices to boost performance.

EDUCATION

Sep 2021 — Present	Bachelor of Engineering (Computer Science and Design), Singapore University of Technology and Design
	A level, Tampines Meridian Junior College

SKILLS	Python	Android Studio
	JavaScript	Flutter
	React	Three.js

PROJECTS & ACCOMPLISHMENTS

Aug 2024 — Dec 2025	TrekAlert Figma Prototype
	A comprehensive app that supports hikers of all levels by offering professional guidance tailored to trail difficulty and location, ensuring proper hike preparation.
Jan 2024 — Apr 2024	Image to LaTeX Project
	Implemented an image-to-LaTeX AI system utilizing a fine-tuned YOLO v8 model and LSTM with attention,with Kaggle credentials for model and data management
Jun 2024 — Aug 2024	AI Face Recognition Simulation
	Implemented and built a facial recognition system using a Siamese neural network architecture on Google Colab, utilizing the LFW deepfunneled dataset for model training and evaluation.

Jan 2023 — May 2024	SUTD Lyfe Application Built a communal app that integrates Firebase for backend data management and uses NewsAPI to provide real-time updates on current affairs, fostering community engagement through a marketplace and discussion forum
Jul 2022 — Jul 2022	LifeHack Hackathon Create an app to encourage Singapore's recycling efforts
Jan 2023 — May 2023	SUTD Computational Structure Designed and implemented a Binary-to-Hexadecimal Conversion Game on FPGA for a Computational Structure project, utilizing Verilog to develop the game logic and interface
Sep 2022 — Dec 2022	SUTD Data Driven World Project Create a website for number sequence pattern
Jan 2022 — May 2022	SUTD Computational Thinking for Design Created a SUTD mobile app called SUTD Lyfe for students to list their products and services online

LANGUAGES	English	Native speaker	Chinese	Native speaker
HOBBIES	Hiking, Volleyball			