

Ling Choon Keat

Singapore +65 8889 9728 choonkeatling@icloud.com

Summary	As a Software Engineering student with a strong passion for technology and innovation, I have a solid foundation in software engineering and hands-on experience in computer programming and coding. One of my notable achievements includes independently developing a 4-star-rated Chrome extension with over 1000 users, which streamlined timetable extraction from a school website. I am driven by my passion for software engineering and am eager to contribute to innovative projects and team success in an internship.	
Experience	Aerise Pte. Ltd. Apr 2020 – Jun 2020 Project Assistant <ul style="list-style-type: none">Successfully developed a Bluetooth mesh system for collecting sensor data and transmitting to smartphones, enhancing data collection efficiency and accessibility.Improved drone maintenance processes by building, repairing, and maintaining drones and related parts, contributing to increased operational reliability.	
	Singapore Army Jul 2020 – Jun 2022 Admin Support Assistant <ul style="list-style-type: none">Streamlined office communications by efficiently managing inquiries, providing directions, and alerting staff of visitors, enhancing overall productivity.Developed VBA scripts to automate data entry processes, cutting manual input time by 50% and minimizing errors, leading to a more efficient and accurate workflow.	
Education	Singapore Institute of Technology Aug 2022 - Apr 2026 Information and Communications Technology (Software Engineering) Bachelor's Degree <ul style="list-style-type: none">Published research paper "OptiTour: Tourist Transit Optimizer" in the Proceedings of the 9th IRC Conference on Science, Engineering, and Technology, demonstrating strong academic research.Developed a Chrome extension for extracting timetables from the school website, achieving a 4-star rating and over 1000 active users, showcasing practical software development skills and user engagement.Led the design and implementation of a comprehensive RFID Self-Service Lab Resource Storage System as tech lead, enabling manless lab resource tracking for university staff and improving operational efficiency.	
	Nanyang Polytechnic Apr 2017 – Mar 2020 Aerospace Systems and Management Diploma <ul style="list-style-type: none">Secured 2nd place in a competitive robot competition, demonstrating advanced technical skills and effective team collaboration.Developed a web-based interactive drone control system for weather data collection using a WIFI Arduino board, showcasing practical application of aerospace and programming skills.Led the programming efforts for an autonomous drone using ROS (Robot Operating System) in the Singapore Amazing Flying Machine Competition, highlighting leadership and advanced programming abilities.	
Skills	Technical Skills <ul style="list-style-type: none">Web Development - HTML, CSS, JavaScript, React, ASP.NETData Analysis - PythonMobile Application - Java, KotlinEmbedded Systems - C/C++, ArduinoContainerized Development - Docker	Soft Skills <ul style="list-style-type: none">Problem-solvingGoal-settingCommunicationCreativity