

# Ling Choon Keat

Singapore 📍 +65 8889 9728 ✉ choonkeatling@icloud.com 🌐 <https://www.choonkeat.net> 📄 <https://github.com/ekiost>

---

**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**

**Singapore Army** Jul 2020 – Jun 2022  
Admin Support Assistant

- 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.

**Aerise Pte. Ltd.** Apr 2020 – Jun 2020  
Project Assistant

- 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.

---

**Education**

**Singapore Institute of Technology** Aug 2022 - Apr 2026  
Information and Communications Technology (Software Engineering) Bachelor's Degree

- 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

- 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	Soft Skills
<ul style="list-style-type: none"><li>Web Development - HTML, CSS, JavaScript, React, ASP.NET</li><li>Data Analysis - Python</li><li>Mobile Application - Java, Kotlin</li><li>Embedded Systems - C/C++, Arduino</li><li>Containerized Development - Docker</li></ul>	<ul style="list-style-type: none"><li>Problem-solving</li><li>Goal-setting</li><li>Communication</li><li>Creativity</li></ul>