

# SKILLS TRANSCRIPT

Name: MIN SI THU HTUT  
Student ID: 2303559E  
Course: Diploma in Computer Engineering

The skills transcript highlights key skills developed during the student's academic & non-academic journey, mapped to the nine Temasek Polytechnic Student Profile (TSP) attributes: Digitally Fluent, Innovative & Entrepreneurial, Critical Thinking, Inquisitive, Resilient, Growth Oriented, Empathy, Integrity, and Communicates Effectively. The TSP nurtures lifelong learners, future-oriented creators and values centred leaders.



## Graduate Overview

MIN SI THU HTUT completed the Diploma in Computer Engineering and developed core skills in Artificial Intelligence Applications and Internet of Things Application, complemented by supplementary skills in Mobile Device Application Development. He applied these skills during an internship at Chye Thiam Maintenance Pte. Ltd., where he developed interactive dashboards with PHP, Django, and Chart.js, handled hardware troubleshooting, OS installations, and network setup, and supported Wi-Fi surveys and Time Management System configurations. Additionally, his project with the Singapore Police Force (Bedok Division) focused on object detection for theft deterrence at supermarket self-checkouts.

He participated in several service activities, including presenting projects as a student volunteer during TP Open House 2026 and supporting CCN Day as an event helper. His enrichment activities included attending the ENG TECH SHOW 2025 and engaging in bonding events for Computer Engineering students.

His engagement across technical projects, service-learning initiatives, and co-curricular participation demonstrated teamwork, initiative, and adaptability. These experiences reflected his commitment to personal growth and collaborative learning.

*This content was AI-generated and may contain inaccuracies. Please verify details against official sources.*

## Academic Engagement

### Core Skill Sets

- Artificial Intelligence Applications
- Internet of Things Application
- Full Stack Development
- Embedded Systems Programming
- Data Analytics and Visualisation

### Supplementary Skill Sets

- Mobile Device Application Development
- Internet of Things
- Data and Statistical Analytics

*\*Supplementary Skillsets are selected by the graduate from Temasek Polytechnic's pre-approved list*

Involvement	Category
<b>TP Open House 2026 - Student Volunteer (Day 1)</b> Project Presenter (2025)	Service
<b>ENG TECH SHOW 2025 - by Student Ambassadors</b> Participant (2024)	Enrichment
<b>CCN Day - TPISG</b> Event Helper (2023)	Service
<b>TP Open House 2026 - Student Volunteer (Day 2)</b> Project Presenter (2025)	Service
<b>TP Open House 2026 - Student Volunteer (Day 3)</b> Project Presenter (2025)	Service
<b>Computer Engineering Students' Bonding cum BBQ Event 2025</b> Participant (2025)	Enrichment
<b>Subcommittee Bonding Day</b> Participant (2023)	Enrichment
<b>GCC Combined Annual General Meeting 2023</b> Participant (2023)	Enrichment
<b>TPOF 2025 - Physical Talks [19-20 Nov 2025]</b> Participant (2025)	Enrichment
<b>TPSU LetsGoTP</b> Participant (2024)	Enrichment

Transcript Skills Profile Legend: Innovative & Entrepreneurial Digitally Fluent Inquisitive Resilient Empathy  
 Communicates Effectively Critical Thinking Growth-Oriented Integrity

## Internships

### **Chye Thiam Maintenance Pte. Ltd. - Intern (Apr 2025 - Aug 2025)**

The student developed interactive dashboards using PHP, Django, and Chart.js, and provided desktop support including hardware troubleshooting, OS installations, and network setup. Supported Wi-Fi site surveys and Time Management System configurations.

## Projects

### **Singapore Police Force (Bedok Division)**

- Theft Deterrence at Supermarket Self-Checkout (Oct 2025 - Mar 2026)

This project focuses on addressing the deterrence of theft at the self-checkout kiosks of supermarkets. It utilises object detection to alert staff on anomalies during the checkout. The project develops student's skills in AI model training, embedded system design, networking and integration.

## Service-Learning Projects

### **Fernvale Gardens School (MINDS), Singapore - STEM Coding Program (Aug 2024 - Aug 2024)**

To provide students from Fernvale Gardens School (MINDS) with meaningful exposure to the digital world. Through this activity, they learn about smart technologies and mobile application development. It also offers our students an opportunity to collaborate, build empathy, and foster a strong sense of belonging.



#### **Digitally Fluent**

Navigate digital tools, technologies, and information discerningly



#### **Communicates Effectively**

Express ideas clearly and engage meaningfully with others



#### **Critical Thinking**

Analyse information objectively to make informed decisions