

CAYDEN M. THESEIRA

+65 9187 7075 | caydenmtheseira@outlook.com | cayden2606.github.io

EDUCATION

Nanyang Polytechnic (NYP) — Diploma in Electronic & Computer Engineering 2023 – Present

- Cumulative GPA: 4.0 | Director's List for 5 consecutive semesters
- Edusave Merit Bursary Award (2024, 2025); Edusave Skills Award (2025)

Montfort Secondary School 2019 – 2022

- GCE 'O' Levels: Net L1R4 – 12 | Edusave Good Progress Award: 2019 | Edusave Bursary Award: 2022

WORK EXPERIENCE

STYL Solutions Pte Ltd — Technical Service Engineer (Intern) 2025 – Present

- Optimised Jira Service Management by developing automation workflows, JQL-filtered dashboards, and custom email templates to streamline incident tracking
- Automated e-commerce fulfilment using Python, HTML, and JavaScript tools to generate CSV, XLSX, and Word documents, reducing manual data entry for shipping and customer communications

EXPERIENCE

IoT Smart Bus Stop 2024 – 2025

Distinction-grade project; NYP top 5 nominee after internal pitch for LHL IDM SNA 2025, advanced to Semi- Finals

- 2nd Place (Year 2) and 1st Place (Most Popular) at TechNexus 2025, NYP's annual academic showcase
- Led a team of four in developing a prototype of bus stop with smart, safe, and sustainable features
- Utilised BeagleBone® Black Wireless boards, sensors, and web dashboard; integrated systems using Python, JavaScript, Node.js, SQL, HTML/CSS, and external APIs
- Developed proficiency in Blender for creating 3D mock-ups and renderings

Automatic Shutting System 2023

1st Place – TechNexus 2024, Year 1 Category; featured by M5Stack on LinkedIn; selected for school showcase display

- Led a 3-member team to develop an energy-efficient automated refrigeration door system using M5Stacks and sensors; created 3D mock-ups using Tinkercad

EXTRACURRICULAR ACTIVITIES

Pasir Ris East Youth Network (Volunteering) 2025 - Present

- Supported community events, engaging 600+ residents through elderly outreach, crowd management, and guest engagement; assisted Project Smile by facilitating games for children from lower-income families

Student Mentor Programme (NYP) 2024

- Provided guidance to a class of 20 incoming students on academic and extracurricular pursuits

World Robot Games (NYP) 2024

- Led tours for international participants and officiated competitions, ensuring smooth coordination, fair play, and cross-cultural engagement

Section Leader, Military Band CCA (Montfort Secondary School) 2021 - 2022

- Led and collaborated with a team of 30; achieved Singapore Youth Festival 2021's Accomplishment award

SKILLS

Programming (Python, JavaScript, HTML/CSS, C#, C); **PCB Design** (Autodesk Eagle); **Practical Skills** (Soldering); **Database** (SQL - Basic); **Software** (Microsoft Office Suite); **Design** (Photoshop, Blender, Video Editing - Proficient)

LANGUAGES

English (Native Speaker), **Mandarin** (Limited Working Proficiency)