

Ong Jia Yuan

Information Security Undergraduate

Singapore | ongjiayuan@outlook.com | LinkedIn

Year 1 Information Security undergraduate at the Singapore Institute of Technology, with a foundation in IT systems, networks, troubleshooting, and robotic process automation. Interested in understanding how systems work and how to protect them.

TECHNICAL BACKGROUND

Systems & support

IT systems and networks; hardware and software troubleshooting.

Automation & development

UiPath / Robotic Process Automation; HTML, CSS, JavaScript, and Firebase.

WORK EXPERIENCE

Robotic Process Automation Developer - Intern

Jul - Sep 2020

Ministry of Education, Singapore | Academy of Singapore Teachers

- Completed the design of automation workflows for overseas trips and Fulbright-related processes.
- Worked with UiPath and Robotic Process Automation during the internship.

EDUCATION

Singapore Institute of Technology

2026 - 2030 (expected)

BEng (Hons), Information and Communications Technology (Information Security)

Year 1 undergraduate, majoring in Information Security.

Ngee Ann Polytechnic

2021 - 2024

Diploma in Information Technology

Portfolio Development project: Team WastEd. Participated in the GRU NullSec CTF Month Challenge and a Workato Industrial Workshop.

ITE College West

2019 - 2021

Higher Nitec in IT Systems & Networks

GPA 4.0. ACE Club President and valedictorian.

ITE College Central

2017 - 2018

Nitec in Networking & System Administration

Member of the Mobile Development Club.

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Projects & contributions

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SELECTED PROJECT

Team WastEd

Oct 2022 - Feb 2023

Ngee Ann Polytechnic | Academic team project

- Developed a team sustainability project exploring a marketplace for donating and finding reusable electronics.
- Combined item listings, product uploads, reservation enquiries, and an educational area about e-waste using HTML, CSS, JavaScript, and Firebase.

Project development journal

SELECTED CERTIFICATES & TRAINING

Enterprise Design Thinking Practitioner

Dec 2022

IBM

Automation Pro I Certificate

May 2022

Workato

Public Speaking Foundations

May 2021

LinkedIn

Speaking Confidently and Effectively

May 2021

LinkedIn

SELECTED AWARDS

Lee Kuan Yew Scholarship to Encourage Upgrading (LKY-STEP) Award

Aug 2021

Institute of Technical Education

Lee Kuan Yew Model Student Award

May 2021

Institute of Technical Education

ITE Top Graduate Award

Apr 2021

Institute of Technical Education

COMMUNITY & LEADERSHIP

President - ACE Club

Feb - Nov 2020

ITE College West

Represented the club and coordinated work with executive committee members and committees, providing assistance and guidance.

Project Leader - Project SG Strong

Jul 2020

The Majurity Trust

Initiated a community service project and brought together ACE Club members. The team purchased and packed more than 140 care packs for frontline and behind-the-scenes workers.