

## EDUCATION

---

**Nanyang Technological University (NTU)** Aug 2020 – Jun 2024  
**School of Electrical and Electronic Engineering**

• **Bachelor of Engineering, Honours (Information Engineering and Media)**

- Relevant Modules: (1) *From Computational Thinking to Programming* (2) *Object-Oriented Programming* (3) *Data Structure & Algorithm* (4) *Software Engineering* (5) *Database Systems* (6) *Web Application Design* (7) *Computer Communications* (8) *Introduction to Data Science & Artificial Intelligence* (9) *Information Security* (10) *Introduction to Digital Communications & Networking* (11) *Enterprise Network Design* (12) *Interface Design*

**Spring Term Exchange Programme, Aalto University, Finland** Jan 2023 – Jun 2023  
**School of Electrical Engineering**

- Modules Accomplished: (1) *Web Software Development* (2) *Design Thinking and Advanced Prototyping* (3) *Introduction to Signal Processing* (4) *Project Course* (5) *Survival Finnish 1* (6) *Cultural Intelligence*

## EMPLOYMENT

---

**NCS Pte Ltd, Software Engineer** July 2024 – Present

- Developing web applications using Angular, Spring Boot, and SQL.
- Actively engaging in Agile practices, including participation in sprints, daily stand-ups, and collaborative team efforts.
- Utilising Git for version control, ensuring efficient code management and collaboration across the development team.

**GlobalFoundries Singapore, Software Tester, Intern** May 2022 – Jan 2023

- Utilised Python Selenium and pytest-bdd (behaviour driven development) to construct test cases for modular functionality and end to end flows of an in-house web application.
- Carried out manual testing for an in-house web application, successfully pinpointing elusive bugs and uncovering potential avenues for improvement.
- Collaborated closely with the development team to translate technical requirements into behaviour-driven test scenarios, resulting in improved accuracy and efficiency in testing.

**International Business Machines Corp (IBM), Deskside Engineer** Jun 2021 – Jul 2021

- Worked in various polyclinics, offering level 1 support to swiftly resolve technical issues.
- Efficiently handled the ticketing system, ensuring timely updates and resolutions.
- Proficiently installed software patches, inclusive of system preventive maintenance.
- Performed laptop cloning, ensuring seamless data migration.

## ACADEMIC PROJECTS / MODULE PROJECTS

---

NTU-EEE FYP: ***Web Application for Student-related Activities (Front-end)*** Aug 2023 – May 2024

- **Achieved an A grade** for designing and developing the front-end of a web application using ReactJS, focused on streamlining project collaboration for students, enabling project idea submissions, skill showcases, and team formation, fostering a dynamic and supportive academic environment.

NTU-EEE Module: ***Web Application Design*** Aug 2023 – Nov 2023

NTU Module Project: ***Web Application for a Pizza store*** (Team of 2 Members)

- Designed and developed a web application for a pizza store using HTML, CSS, JavaScript, PHP and SQL.

NTU-EEE Module: ***Object-Oriented Programming*** Jan 2021 – Apr 2021

NTU Module Project: ***Sudoku Game*** (Team of 2 Members)

- Planned and developed a Sudoku game using Java (AWT & Swing).

## SKILLS / HOBBIES

---

- **Languages:** Fluent in English and Chinese (Mandarin)
- **Technical Skills:** HTML/CSS, JavaScript, React, Java, Spring Boot, PHP, SQL, Git
- **Methodologies & Tools:** Agile (Scrum), Design Thinking, Figma
- **License:** Class 3 Driving License
- **Hobbies:** Running, Gym & Football