



MELISSA NG

Computer Science Undergrad, NTU Singapore | Coding Instructor, ROBOTO

@ mnly0814@gmail.com

📍 Singaporean

📧 MEL-NLY

🔗 MEL-NLY

📄 MEL-NLY

🌐 mel-nly.github.io/MNLYPortfolio/

STRENGTHS

Go Python C++ C

C# Flutter Java Swift

Unity Web Dev

Leadership Adaptability

Adventurous Curious

Active Listening

LANGUAGES

Lang 1: English

Lang 2: Chinese

ACHIEVEMENTS

2023

GEM-Ex Overseas Exchange
– Queen's University 🇨🇦

2021

MOE University Engineering
Scholarship

2020

Diploma with Merit

2019

Edusave Cert of Academic
Achievement

2018

1st in course & Director List
in Oct Sem & Edusave Merit
Bursary

2017

2nd in course & Director List
in April Sem & IMDA iPoly
Scholarship

2016

EAGLES Award

ABOUT ME

Highly focused and responsible individual with a track record of academic and extracurricular success. Aspiring to excel in Information Technology on a more advanced level and build my career pathway in this industry.

EXPERIENCE

Software Engineer | Govtech (EnterpriseSG)

📅 May – Aug 2022

📍 Singapore

Executed quality testing on new grants system architecture, reviewed code efficiency and pitched improvements. Participated in AGILE project methodology and conducted meetings with external stakeholders.

Lead Tech Consultant | SME Digital Reboot

📅 Sep 2021 – Jun 2022

📍 Singapore

Led a team of consultants to guide the implementation of suggested solutions for Process Automation, Workflow Automation & Digital Marketing.

Coding Instructor | ROBOTO Academy

📅 Jul 2020 – Present

📍 Singapore

Conduct enrichment lessons in MOE Schools, Weekly classes, trials, and holiday camps. C++, Python, Unity, Web Development, Scratch, EV3.

System QA Engineer | SHOPEE

📅 Jan – May 2021

📍 Singapore

Conducted functional testing using white/grey/black-box methodology. Developed, maintained automation testing tools, scripts & environments.

Algorithm Researcher | NP Industry Project

📅 Jun – Sep 2020

📍 Singapore

Researched on creation of an AI teaching assistant project.

Head of Tech | SPHERE8

📅 Mar – Aug 2019

📍 Thailand 🇹🇭

Maintained official website, developed news section. Automated data collection through an API. Headed weekly updates and discussions with partners in Israel.

EDUCATION

Degree in Computer Science | NTU

📅 Aug 2021 – Present

📍 Singapore

2015

Represented SG in WRO
2015 in Doha, Qatar 🇶🇦
NJRC 2015: Best Robot Per-
formance Award (Champion)

COURSES & CERTS

Machine Learning A-Z Hands-
On Python & R In Data
Science - UDEMY

Go Language
Course - GoSchool

Certified Enrichment
(Coding and Programming)
Instructor - MOE

Introduction to
Cybersecurity - Simplilearn

- GPA: First-Class Honours

Diploma in Information Technology | Ngee Ann Poly

📅 Apr 2017 – May 2020

📍 Singaporean

- GPA: 3.98/4.0

VOLUNTEER & LEADERSHIP EXPERIENCE

SLEO Operations | NTUSU

📅 Oct 2021 – Feb 2022

📍 Singapore

Coordinated faculties, halls and clubs' freshmen orientation. In-charge of administra-
tion (i.e., booking conflict management, collation of details).

Student Talent Vice-Chair | STCAI

📅 Sep 2021 – Jun 2022

📍 Singapore

Contacted different schools for potential students to submit papers. Review and short-
list submitted papers. Handled queries from student presenters.

Marketing Manager | VOA (iASPIRE)

📅 May 2021 – May 2022

📍 Singapore

Created marketing resources for publication and outreach.

Speaker Manager Team Lead | SWITCH

📅 Oct 2020 – Dec 2020

📍 Singapore

Leading and guiding the team to handle back-end operations. Ensuring the smooth
running of the 24/7 online virtual event that has attracted over 95k delegates from
all over the world.

Overall-In-Charge | RED CAMP 16

📅 Mar 2019 – Aug 2019

📍 Singapore

Planned internal selections, camps, and preparation work to foster the bonds of the
community. Managed an estimate of 150 student leaders, 5 tribes, and 8 groups. Coor-
dinating with student leaders and lecturers from the 8 different faculties. Successfully
executed the actual event which had a turnout of over 1,300 unique campers.

Senior & Junior EXCO | NP Ambassador

📅 Mar 2017 – Mar 2020

📍 Singapore

Appointed as a Junior EXCO, Group Assistant Leader in 2018, and Senior EXCO, Head
of Operations in 2019. Organized team-bonding events, planned and participated in
largescale flagship events like RED Camp, NP Open House, and internal camps.

Chairperson | FHSS Robotics

📅 Jun 2015 – Jun 2016

📍 Singapore

Organized camps and orientation programs for robotics members and the robotics
alumni.