



# MELISSA NG

NTU COMPUTER SCIENCE UNDERGRADUATE | WWW.MNLY.GA |

## PERSONAL SUMMARY

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.

## SKILLS

### Technical

Go • Python • C++ • C# • Flutter • Java • Swift • Unity • Web Dev • EV3 • Scratch

### Interpersonal

Leadership • Adaptability • Motivation • Teamwork • Responsibility • Active Listening

## LANGUAGES

English • Chinese

## EXPERIENCE

### INSTRUCTOR • ROBOTO ACADEMY • JUL 2021 – MAY 2021

Conduct enrichment lessons in MOE Schools, Weekly classes, trials, and holiday camps. Programming Languages / Platforms covered: C++, Python, Unity, Web Development (HTML/CSS/JS), Scratch, EV3, mBot.

### SYSTEM QA ENGINEER • SHOPEE • JAN 2021 – MAY 2021

Designing and planning test cases. Conducting functional testing using white/grey/black-box methodology. Developing and maintaining automation testing tools, scripts, and environments.

### ALGORITHM DEVELOPER • NP INDUSTRY PROJECT • JUN 2020 – SEP 2020

Researching on the potential leads for the creation of the Artificial Intelligence feature in an educational technology innovation meant to fulfill the role of an assistant teacher in schools.

### HEAD OF TECH • SPHERE8 • MAR 2019 – AUG 2019

Maintained official website, developed a news section, and handled ad-hoc tasks. Automated data collection through an API to .csv, scheduled to run every week. Headed weekly updates and discussions with partners in Israel. Attended and managed company booths at tech events, publicized our platform to create over 100 new profiles.

## EDUCATION

### DIPLOMA IN INFORMATION TECHNOLOGY • MAY 2020 • Ngee ANN POLY

- > Diploma with Merit in Information Technology (CGPA 3.98/4.0)
- > Diploma Plus in Advanced Computing Mathematics
- > Global Entrepreneurship Internship Programme (Bangkok, TH)
- > Senior & Junior EXCO of Ngee Ann Ambassadors



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GITHUB.COM/MEL-NLY



LINKEDIN.COM/IN/MNLY/

## ACHIEVEMENTS

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### 2020

- > Diploma with Merit

### 2019

- > Edusave Cert of Academic Achievement

### 2018

- > 1<sup>st</sup> in course for Oct Sem
- > Director List in Oct Sem
- > Edusave Merit Bursary

### 2017

- > 2<sup>nd</sup> in course for April Sem
- > Director List in April Sem
- > IMDA iPoly Scholarship

### 2016

- > Edusave Scholarship
- > EAGLES Award

### 2015

- > NJRC 2015: Best Robot Performance Award (Champion)
- > Represented Singapore in WRO 2015 in Doha

## VOLUNTEER EXPERIENCE & LEADERSHIP

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### MARKETING MANAGER • VOA (IASPIRE) • MAY 2021 – PRESENT

Maintained official website, developed a news section, and handled ad-hoc tasks. Automated data collection through an API to .csv, scheduled to run every week. Headed weekly updates and discussions with partners in Israel. Attended and managed company booths at tech events, publicized our platform to create over 100 new profiles.

### SPEAKER MANAGER TEAM LEAD • SWITCH • NOV 2020 – DEC 2020

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 – NOV 2019

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. Coordinating 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.

### JUNIOR & SENIOR EXCO • NP AMBASSADOR • MAR 2017 – 2020

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.

### USHER • SWITCH • SEP 2017 – SEP 2017

Assisted in setting up and tearing down the event. Ushered guests and handled verification.

### CHAIRPERSON • FHSS ROBOTICS • JUN 2015 – JUN 2016

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

## COURSES & CERTIFICATIONS

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MACHINE LEARNING A-Z HANDS-ON PYTHON & R IN DATA SCIENCE • UDEMY • MAR 2021

GO LANGUAGE COURSE • GOSCHOOL • JUL 2020 – MAY 2021

CERTIFIED ENRICHMENT (CODING AND PROGRAMMING) INSTRUCTOR • MOE • APR 2020 – APR 2022