

LI YUXIAO

(+65) 8351-9119
yuxiaolio206@gmail.com (personal)
<https://morilindo.github.io/>

EDUCATION	Nanyang Techonological University <i>Bachelor of Science in Mathematical and Computer Sciences</i> <ul style="list-style-type: none">• School of Physical and Mathematical Sciences.• Cumulative GPA: 4.52/5.00.• Semester: GPA: 4.85/5.00.• Calculus III: A; Probability: A.	Singapore 2023 - 2027(expected)
	Shanghai Pinghe School <i>International Baccalaureate Diploma</i>	Shanghai, China 2020 - 2023
PROJECTS	Course Schedule Website <i>Developed a dynamic front-end for the course scheduler using React, and collaborated with a five-person team to achieve project objectives.</i>	2025
	Fake News Identification Model <i>Took the initiative to architect and implement an multi-model solution using LSTM, Bayes Classifier, and BERT to detect misinformation, achieving 99% accuracy independently.</i>	2024
	Word-frequency Analysis on "A Dream in the Red Mansion" <i>Analyzed writing patterns to attribute authorship by applying statistical methods, thus deepening the understanding of literary consistency through data-driven insights.</i>	2022
	Image Identification Program for Domesticated Plants <i>Designed and implemented an image processing system to differentiate plant diseases induced by pests, streamlining the diagnostic process and enabling faster responses.</i>	2022
RESEARCH EXPERIENCES	URECA. Singapore <ul style="list-style-type: none">• Built a multi-classifier fake news detection model that integrates modern machine learning approaches to improve identification metrics.• Drafting a research paper to document experimental findings and contribute innovative methodologies to the field. <i>(working on)</i>.	2024.08 - 2025.06
	Utech Deep Learning Camp. Shanghai, China <ul style="list-style-type: none">• Acquired practical expertise in model training, fine-tuning, and neural network algorithms, leading to 92% pattern emulation accuracy.	2021.01, 2021.07
	Stanford Pre-Collegiate Summer Institutes. California, USA <ul style="list-style-type: none">• Analyzed COVID-19 data using R, which involved gathering, processing, and interpreting public health data to support informed decision-making; achieved an A+ performance rating.	2022.07 - 2022.08
AWARDS AND HONORS	<ul style="list-style-type: none">• Meritorious Award, High School Mathematical Contest in Modeling• Third Place, AI Olympics Chanllenge Yangtze Delta Area	2023.11 2023.05
SKILLS	Languages: Chinese(native), English(proficient). Programming: Java, Python, LaTeX, R. Software: Emacs, GitHub, Mathematica, Jetbrains IDE. Platforms: MacOS, Linux(Debian, Fedora, Ubuntu).	