

CHANG Yung-Hsuan

eiken59@icloud.com

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EDUCATION

National Yang Ming Chiao Tung University

Bachelor of Science in Applied Mathematics

Hsinchu City, Taiwan

August 2022 – June 2026

École polytechnique

International Exchange Program

Palaiseau, France

September 2024 – June 2025

HONORS

PTSGI.com 23rd Translation Scholarship

PTSGI.com (Presidential Translation Service Group International)

January 2026

College of Science Dean Award

College of Science, National Yang Ming Chiao Tung University

October 2025

Honor Student

National Yang Ming Chiao Tung University

May 2023

SKILLS

Programming

Python, C++, and R; L^AT_EX and typst.

Languages

Mandarin, English, Japanese, and French.

Certificates

SOA Exam P and Exam FM.

PROJECTS

Study of Hitting Time and Probability

for Random Walks in One and Two Dimensions

College Student Research Project, National Science and Technology Council

July 2025 – February 2026

The Gambler's Ruin Problem for One-Dimensional

September 2025 – December 2025

Random Walks: Simple Symmetric Random Walk and Some Extensions

Semester-long Project, Individual Directed Study (I), National Yang Ming Chiao Tung University

Credit Card Default Detection Using Machine Learning

February 2025 – June 2025

Final Group Project, Machine Learning, École polytechnique

Chessbot Project: Cagnus

November 2024 – January 2025

Final Group Project, Object-oriented Programming in C++, École polytechnique

WORK

Teaching Assistant

September 2025 – December 2025 & September 2023 – June 2024

EXPERIENCE

Department of Applied Mathematics, National Yang Ming Chiao Tung University

Academic Tutor

October 2023 – November 2023 & April 2024 – May 2024

Center of Teaching and Learning Development, National Yang Ming Chiao Tung University