

Yu-Ting Hsiung

[GitHub](#) [LeetCode](#) [LinkedIn](#) [Blog](#)

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EDUCATION

National Taiwan University

Bachelor of Computer Science and Information Engineering

Bachelor of Mathematics (double major)

Taipei, Taiwan

Aug 2018 – Present

Aug 2019 – Present

WORK EXPERIENCE

- **Tricuss** Taipei, Taiwan
Co-founder, Software Engineer *Oct 2021 - Jul 2022*
 - Designed an app integrating message system and document collaboration tool.
 - Designed a time-box selector and calendar date picker for users to organize appointments and events.
- **LEJU Technology** Taipei, Taiwan
Intern Backend Engineer *Feb 2021 - Sep 2021*
 - Maintained the application.
 - Designed a Taiwan estate address normalization system. Cleaned unorganized estate data (20 millions+ of records) with Pandas. Organized the data and presented it with Google Datastudio.
 - Optimized estate data processing and merging algorithm, and optimized the program by 100+ times faster.
- **Sprout** Taipei, Taiwan
Python Lecturer, Academic Project Manager *Spring 2019, 2020, 2021 and 2022*
 - Taught senior high school students about Python and algorithms.
 - Managed the lecturers and enhanced lectures' quality.
- **NTU CSIE and Mathematics** Taipei, Taiwan
Teaching Assistant *Feb 2020 - Jun 2022*
 - **Data Structure and Algorithm:** TA Team Lead. Designed homework.
 - **Algorithm Design and Analysis:** Designed weekly mini-homework and hand-written homework.
 - **Calculus (general mathematics).**
- **APCS Camp** Taipei, Taiwan
Teaching Assistant, C/C++ programming problem designer *Summer 2021 and 2022*

RELEVANT COURSES

Discrete Mathematics	A+	Linear Algebra (I)	A
Introduction to Computer Programming	A+	Linear Algebra (II)	A-
Data Structures and Algorithms	A+	Optimization Algorithms	A+
Algorithm Design and Analysis	A+	Prediction, Learning, and Games	A
Game Theory	A+	Machine Learning	A

PROGRAMMING SKILLS

- **Languages:** C, C++, Python, Javascript, Typescript, SQL, Java, PHP
- **Technologies:** React, Next.js, Bootstrap, Linux, Git, \LaTeX , Laravel

SCHOOL CLUB EXPERIENCE

- **NTU Cycling Club** Taipei, Taiwan
President, Facebook Page Manager and General Affairs *Feb 2019 - Jan 2022*
 - Played the main role in organizing events and recruited 50+ new members.
 - Organized a 5-day trip in eastern Taiwan (20+ participants) in Winter 2021.