

DYLAN TSAO

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Education

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Bachelor of Science in Liberal Arts and Sciences in Mathematics & Computer Science

Relevant Coursework: Data Structures, Graph Theory, Fundamental and Abstract Mathematics

GPA: 3.80

Urbana, IL

May 2025

TAIPEI AMERICAN SCHOOL (HIGHSCHOOL)

AP Scholar with Distinction

Relevant Coursework: H AI, AP CS, H Thermo & Statistical Physics

GPA: 4.17

Taipei, Taiwan

August 2018 – May 2021

Professional/Educational Development *

GOOGLE DATA ANALYTICS

May 16th – July 11th

- Successfully completed a comprehensive training program on Google Data Analytics, focused on honing skills in gathering, cleaning, processing, and analyzing data.
- Gained hands-on experience in SQL for data extraction and manipulation, contributing to enhanced proficiency in collecting, formatting, and manipulating large datasets for analytical applications.
- Developed solid understanding of statistical techniques and their application in data analytics to guide data-driven decisions.

*Certificates available upon request

Leadership & Activities

CS124 Course Assistant

August 20th - December 15th

Assistant

- Coordinated and led weekly office hours effectively clarifying course concepts, answering questions regarding quizzes, and providing guidance on machine projects.
- Demonstrated ability to effectively manage time and commitments, regularly dedicating an average of 10 hours weekly to ensure the high quality of student support services.
- Established strong communication and interpersonal skills by explaining complex computer science principles in an accessible manner.

Summer of Side Projects 2022

Participant

June 4th – July 1st

- Actively engaged in a comprehensive, month-long program designed to enhance technical skill sets and inspire innovative thinking through hands-on project experiences.
- Participated in immersive tutorials and workshops on Chatbots, Flask, Command Line Programs, and Game Development, effectively incorporating these skills into various projects.
- Utilized in-depth understanding of command-line interfaces to create efficient, user-friendly command-line programs.
- Collaborated within a community of like-minded individuals, refining teamwork and communication skills, while also working independently to create unique software solutions.

Skills

Technical: Java, C++, Python, Docker (Advanced) | Kotlin, CSS, HTML, JS (Intermediate)

Language: Fluent in English and Mandarin

Interests: Continuous learning, Cycling, Health, Fitness, Music, and Yoga

Github: [dylangtsao](https://github.com/dylangtsao)

Website: dylangtsao.github.io