

# ALAN CHANG

NATIONAL TAIWAN UNIVERSITY

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WEBSITE: [HTTPS://ALMOND0629.GITHUB.IO](https://almond0629.github.io)

## PROFESSIONAL SUMMARY

Aspiring baseball data analyst with experience using computer vision and machine learning in baseball data analytics, providing multilingual communication in a baseball tournament, and leading a baseball team. Passionate about the game of baseball and using all kinds of stats to analyze it.

## EXPERIENCE

**Baseball Data Analytics Intern**, 05/2025 – 09/2025

StatsInsight - Taipei, Taiwan

- StatsInsight is a baseball data analytics company in Taiwan that provides data analysis for CPBL teams and does scouting for Team Taiwan in major tournaments like the WBC.
- Captured the spin rate of pitches on the broadcast using Computer Vision techniques.

**Liaison and Interpreter for the Technical Director**, 07/2025 - 08/2025

World Baseball Softball Confederation – Tainan, Taiwan

- Provided English-Mandarin interpretation for the Technical Director and the Technical Commissioners of the U12 Baseball World Cup, managed the daily operations of the Technical Commission, and bridged communications between the tournament directors and the teams.

**Captain of Civil Engineering Department Baseball Team**, 06/2024 – 08/2025

National Taiwan University - Taipei, Taiwan

- Managed and led about 20 teammates in university games and practices, hosted multiple team-building events, and managed the financials of the team

**2023 Taiwan Baseball Analytics Competition**, 06/2023 – 08/2023

Taipei, Taiwan

- Led a four-person team in analyzing the St. Louis Cardinals' pitching staff, and proposing 2024 signings, trades, and pitcher-specific improvements.

**Undergraduate Research Assistant**, 09/2025 - Present

National Taiwan University (Yung-Yu Chuang, Ph.D.) - Taipei, Taiwan

- Conducting research under Dr. Yung-Yu Chuang of the Computer Science department.

**Vice President of NTU Cook & Taste Club**, 06/2025 - Present

National Taiwan University - Taipei, Taiwan

- Oversaw a team of three cooking instructors, managing the scheduling and execution of all club classes, and help coordinate events of the club.

**English Tutor**, 02/2025 - Present

Taipei, Taiwan

- Providing weekly English tutoring for a high school student.

## EDUCATION

Bachelor of Science (B.S.), Data Science,

Expected in 12/2026

National Taiwan University (NTU) – Taipei, Taiwan

## LANGUAGES

Chinese (Mandarin)



Native or Bilingual

English



Native or Bilingual

Spanish



Elementary

## SKILLS

- Baseball data analysis
- Python Programming (Numpy, Pandas, Scikit-learn, Pytorch, etc.)
- Microsoft Excel
- Research; data collection and analysis
- English-Mandarin Interpretation
- Multilingual communication
- Leadership and team management
- Teaching

## PROJECTS

See all projects on my website above

- Fantasy Baseball Projections, 2020-2025
- Analysis of Each MLB Projection System, 2025
- The Impact of Drag Coefficient (on baseball flight distance), 2023
- Real-Time Intentional Eye Blink Detection Using Rhombus Identification, 2022
- In-Season Projection Model with Regression, 2022

## INTERESTS & PASSIONS

- Baseball
- Swimming
- Cooking
- Movies & Music