



ALAN TSENG

National Yang Ming Chiao Tung University

Department of Industrial Engineering and Management

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Education

National Yang Ming Chiao Tung University

🎓Bachelor in Industrial Engineering and Management

Sep. 2021 - Jun. 2025

GPA 3.6 (Ranked 38th in a class of 76)

Courses Completed :

- Data Structure
- Python Data Science
- Introduction To Computer Science
- Genetic Algorithm & Application of Management Science
- Database Management
- Statistics
- Deep Learning(Currently taking)

Honors

🏆Master Entrance Exam of NYCU IEM

-----Ranked **15th** out of 368 people
Feb. 2025

🏆Master Entrance Exam of NCKU IIM

-----Ranked **1st** out of 110 people
Feb. 2025

🏆TSMC Intelligent Manufacturing Workshop

-----Ranked **2nd** out of 20 groups
Mar. 2025

🏆TOEIC Listening and Reading Test

-----**Blue Certificate**
Mar. 2022

My Goal

I would like to seek more challenges in my learning career.

During my college days, I came to realize that a university degree meaning much less than I thought. What do matters is whether, in the course of our studies, we **develop the ability to tackle complex problems and cultivate the soft skills** needed to communicate and collaborate with others.

I deeply convinced that AI and big data analytics are defining fields of our generation. As the Chinese entrepreneur Jack Ma has said, **“He who owns data owns the world.”** With that in mind, I proactively sought out relevant courses beyond my major. and I spent half a year on a project utilizing RAG. Throughout this process, I spent lots of time for self-study in such fields.

Recently, I have been taking a graduate-level course in “Deep Learning,” where I have learned about deep learning model architectures and how to manipulate them. **I have spent significant times off class to deepen my understanding of such technologies,happily to face the challenges.**

For the future, I hope to **hone my practical skills through an internship opportunity** so that I can build the expertise necessary to meet the demands of the workplace.

Skills

Programming Language <ul style="list-style-type: none">• Python• C++• MySQL• PHP	Software <ul style="list-style-type: none">• Minitab• Gurobi• SPSS• FlexSim
Soft skills <ul style="list-style-type: none">• Passion for learning• Collaboration• Communication	Language <ul style="list-style-type: none">• Mandarin• English• Japanese(Currently studying)