

WESLEY HUANG

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EDUCATION

National Taipei University

Statistics

September 2021 - June 2026

- GPA: 3.85/4.0 | Ranking: **Top 11.6%**
- Honors: Dean's List Award (First Place), Fall 2022
- Certifications: TOEIC Gold Certificate (Score: 865)

INTERNSHIPS & RESEARCH EXPERIENCE

NTPU Intelligent Financial Innovation Technology Lab

New Taipei City

Research Assistant

September 2025 - Present

- Developed RegComAgent, a language-neutral Agentic AI framework for multilingual ESG regulatory compliance verification, contributing a reproducible multi-step reasoning pipeline and a fine-grained analysis of four systematic failure modes.
- Optimized LLM-based sustainability commitment extraction pipeline, improving processing efficiency by **50%**.
- First author of **ROCLING 2025** oral presentation paper on multilingual promise verification in ESG reports with LLM performance evaluation.

Acer Inc.

New Taipei City

AI & Cloud Engineer (AFS Intern)

July 2025 - August 2025

- Developed **AI-driven sentiment monitoring** system with automated reporting, reducing manual analysis time by **89%** (1.5h to 0.17h daily).
- Built competitive intelligence MVP using **NLP** and data visualization, saving 1.5 hours daily per person and reducing review time by **70%**.
- Implemented wearable device chatbot MVP leveraging **LLM**, reducing development rework by **30%** via early validation.
- Created automated procurement workflow with **Power Automate**, saving **40%** admin time monthly and enhancing transparency.

Eastspring Investments (Prudential plc)

IT Department Intern

February 2025 - June 2025

- Optimized TDCC web scraper with **Python**, reducing execution time by **50%**.
- Developed **Python**-based automated customer service email system with **data anonymization**, boosting efficiency by **40%**.
- Implemented chairman approval workflow using **Power Automate** and **Power Apps**.

Winbond Electronics Corporation

HR Department Intern - Data Optimization & AI Applications

July 2024 - September 2024

- Supporting on Implemented **Azure OpenAI fine-tuning** and developed a **Flask**-based AI chatbot (SQL Master).
- Built **NLP (BERT, Word2Vec)**-driven course recommendation system with OpenAI API, achieving **90%** satisfaction.
- Developed automated annual report system using **Python** and **PowerBI**, reducing processing time from 3 days to 2 hours.

PROJECT EXPERIENCE

Hotai Motor Machine Learning Parts Prediction Project (Toyota)

Project Member

September 2024 - June 2025

- Cleaned and analyzed **600,000** repair records, developing automated **ETL** pipeline.
- Developed **XGBoost**-based prediction model, controlling MAE to within 1.5 parts.
- Maintained model accuracy via **daily error monitoring**, **retraining**, and **A/B testing**, ensuring **95%+** precision.

Google Developer Groups On Campus NTPU

Leader

July 2024 - July 2025

- Instructed Google 2025 **Build with AI course (AI Agent)**, authored materials, led workshops/company visits.
- Co-organized 2024 Taipei DevFest with GDG, attracting **1000+** attendees.
- Managed community social media, achieving 30K total views.