

# Vanessa Huang

Phone Number: +886 935333125 | Email Address: h0935333125@gmail.com

## EDUCATION

### National Taiwan University

Department of Finance

Taipei, Taiwan (R.O.C.)

Sep 2020 ~ present

- Courses: Programming Design, Data Analysis and Machine Learning with Python, Programming for Business Computing in Python, Big Data Marketing, Econometrics, Financial Modeling, Futures and Options
- GPA 4.01/4.30

### Université de Lausanne

Exchange – Faculty of Business and Economics

Lausanne, Switzerland

Sep 2023 ~ present

- Courses in Department of Information Systems and Digital Innovation: Text mining, Data Science in Marketing

## WORK EXPERIENCE

### IBM

Associate Business Consultant

Taipei, Taiwan (R.O.C.)

Jul 2023 ~ Aug 2023

- Contributed to the Yuanta Eloan system project, leveraging generative AI tools, including ChatGPT and Langchain, resulting in an 85% reduction in personnel workload and streaming ESG data searches.
- Researched and tested prompt engineering techniques, including CoT (Conversational AI for Tasks), few-shot learning, and synonym usage optimization.

### Deloitte

Actuarial and Insurance Solutions Consulting Intern

Taipei, Taiwan (R.O.C.)

Feb 2023 ~ Jun 2023

- Assisted the team in completing projects, with current focus on IFRS 17 and VM-12 implementation projects.
- Contributed to the development and review of actuarial models, risk management consulting, regulatory consulting, reserve and embedded value calculations and reviews.

## LEADERSHIP AND RESPONSIBILITIES

### NTU Data Analytics Club

Member

Taipei, Taiwan (R.O.C.)

Sep 2022 ~ Sep 2023

- Solved practical business cases through professional data analysis tools (SQL, Tableau, Python, Excel).
- Extracted meaningful insights from data and conducted data analysis report to illustrate the result.

Project – Gogoro Public & Customer Opinion Analysis

Mar 2023 ~ Jun 2023

- Skill matrix: web crawling, language model application, sentiment analysis, data visualization.
- Tools: Python, Streamlit, CSS, HTML, ChatGPT.
- Identified market trends related to Gogoro and developed tracking indicators, as well as a dashboard, to effectively communicate our key findings and track relevant trends.
- Utilized ChatGPT to conduct sentiment analysis on the data obtained through web crawling.

### TMBA

Analyst of Equity Capital Market

Taipei, Taiwan (R.O.C.)

July 2022 ~ August 2022

- Conducted research on the solar energy industry, including industry background investigations on relevant companies, assessment of investment potential, analysis of operational and investment risks, among others.

Analyst of Global Investment Research

Sep 2022 ~ Feb 2023

- Did research on US Dollar Index and REITs, including analysis of economic conditions in various countries, currency policies, investment strategies, and investment targets, providing recommendations accordingly.

### J.P. Morgan Private Bank Challenge

Contestant

Asia (Taiwan, Shanghai, Singapore, and Hong Kong)

Mar 2022 ~ April 2022

- Regional finalist, top 6 shortlist.
- Generated detailed client asset allocation reports, providing investment portfolio recommendations, with an expected return of \$4.2M and a volatility of 12.01%, along with individual investment position returns.

### Global Initiatives Symposium in Taiwan (GIS)

Officer of Global Partnership and Delegates Affairs

Taipei, Taiwan (R.O.C.)

Mar 2021 ~ Jan 2022

- Negotiated with the embassy in Taiwan or foreign office to sign MOU with GIS Taiwan.
- Organized social events and be the emcee and recipient for the events.

### NTU World Volunteer Society

Member

Taipei, Taiwan (R.O.C.)

Sep 2020 ~ Sep 2021

- Led a team to develop a comprehensive course plan and successfully executed a volunteer service project in remote villages in Hualien.

## ADDITIONAL INFORMATION

- Language: Mandarin (Native), English (Fluent, IELTS 8.0), French (Elementary)
- Computer skills: Word, Excel, PowerPoint, Python, C++, R, SQL, HTML, CSS, JavaScript, Tableau, streamlit