Shuyi (Evie) Wei

shuyiwei@andrew.cmu.edu | 949-870-2101 | Pittsburgh, PA (No Sponsorship Needed)
www.linkedin.com/in/shuyi-evie-wei|https://eviewei0720.github.io/

SUMMARY

A **master's student** is looking for a **data scientist position**, having a good grasp of **statistics, Python and SQL**, with a bunch of hands-on experience in **data analytics, machine learning and deep learning**.

SKILLS

Programming: Python (NumPy, Pandas, Scikit-learn, PyTorch), SQL, Java, C, C++, R
Tools: Spark, MySQL, VSCode (GitHub Copilot), Google Colab, Git, HTML, React, Tableau, Power BI, MATLAB, SPSS, Office series (PPT, Excel, Word)
Others: Machine Learning and Deep Learning Models (Transfer Learning & Fine-tuning), System Design, Teamwork and Leadership Skills

EDUCATION

Carnegie Mellon University   **Pittsburgh, PA**
Master of Information Systems Management – Business Intelligence and Data Analytics   Expected 12/2026

University of California, Irvine   **Irvine, CA**
Exchange Program: Success Through Academics and Research (STAR)   09/2024 - 06/2025
Professional Certificate in Data Analytics for Business

Hangzhou Dianzi University   **Hangzhou, China**
Bachelor of Engineering in Computer Science and Technology (Dean's List)   09/2021 - 07/2025

EXPERIENCE

Ligentia   **Irvine, CA**
Business Data Analyst Intern   03/2025 - 05/2025
- Performed as **Business Data Analyst** in Ligentia, leveraging **Power BI** and **Python** for data analysis and visualization
- Designed 5+ **standardized Power BI dashboards**, allowing analysts to easily copy and reuse prebuilt visualizations, significantly reducing development time and ensuring visual consistency across dashboards
- Developed a year-on-year analytics Power BI dashboard report tailored to a key client's performance (customer behavior, finance, delivery information) in order to and support client's strategic planning for next year
- Led an exploratory project to integrate **Python-generated custom visuals** into Power BI, enhancing dashboard flexibility and expanding visualization capabilities
- Took initiative to analyze the energy consumption-output data of 50+ machines, and assisted with building **6 Python models** for finding the best energy consumption-output ratio, the **polynomial regression model** was adopted

Analysys   **Remote**
Business Analyst Intern   07/2024 - 08/2024
- Performed as **Business Analyst** in Analysys researching **AI Agent Development Platform**
- Conducted detailed **product analysis** by analyzing features, pricing and performance data, presenting in product reports and comparison tables
- Studied related 10+ enterprises and current industry trends, and produced a comparative analysis table of enterprise competitiveness and a brief **industry analysis** to help identify growth opportunities and risks, and support the company's strategic positioning

PROJECT

Data Visualization and Prediction of Carbon Emission   **Hangzhou, China**
Academic Researcher   09/2023 - 06/2024
- Collected and sorted out 100,000+ CO_2 emissions **time series data** from 300+ cities, used **Python** for exploratory analysis (**EDA**), including preprocessing of missing data and outliers, feature selection and visualization
- Built multiple prediction models with deep learning algorithms (**LSTM**, **GRU**, **T-GCN** and **Transformer**), assisted the advisor in evaluating effect and helping local government establish concrete policies
- Co-wrote "Predicting Carbon Emissions at Fine-Time Granularity Using Autoformer," published in ICCGE 2024