

# Hsiang-Ling (Evelyn) Su

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## EDUCATION

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**The Pennsylvania State University, University Park, PA**  
Major: Bachelor of Science in **Data Science** | Minor: Smeal **Business Administration**

End: December 2024 (Early)  
Cumulated GPA: 3.53  
Dean's List 2022, 2023, 2024

**University of Southern California (USC) Viterbi Engineering, Los Angeles, CA**  
Major: Master of Science in **Applied Data Science**

End: December 2026

## CERTIFICATE

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**AI for All: From Basics to GenAI Practice**

NVIDIA | Jan 2025

**Foundations of User Experience (UX) Design**

Google | June 2024

**Introduction to Mobile Development (React)**

Meta | July 2024

**Hozza Learning Assistant Award**

College of IST at Pennsylvania State University | April 2024

**Certificate of Excellence in Data Extraction and Presentation Performance**

Taiwan AI Labs | August 2023

**National Taiwan University AI Application**

National Taiwan University | April 2021

**Harvard University X NTU Leadership & Debating**

Asia Elite Business Scholars | August 2020

## WORK EXPERIENCE

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**UX Design Manager | METCO**

Taipei, Taiwan | August 2024 - Present

- Proposed a redesign strategy to the CEO, incorporating AI customer service, streamlined product access, optimized user flows, and HR recruitment features, securing a freelance Web Manager role to implement the plan.
- Prototyped the website and led a cross-functional team of 5+, including the IT manager, collaborating on product displays and content creation.

**LLM / Web Crawling Engineer Intern | Taiwan AI Labs**

Taipei, Taiwan | May 2023 – August 2023

- Led a team to develop web crawling algorithms for scraping over 100 media web pages across 10+ countries in 4 languages, ensuring high-quality and accurate data extraction for legal analysis.
- Managed 1,500+ Twitter accounts using Selenium for data collection and automation, contributing to the company's social media analysis.

## PROJECT EXPERIENCE

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**Advanced AI-Powered Music Differentiation and Classification System**

- Inspired by Spotify's advanced recommendation algorithms (Blends, Smart Shuffle), this project aimed to differentiate AI and human-composed R&B music. I explored various ML models, focusing on ensemble learning to enhance the classification system.
- **Technologies Used:** Random Forest, SVM, Logistic Regression, Gradient Boosting, KNN, Decision Trees, Deep Learning (Neural Networks).

**Infodemic: Worldwide Media News Data Collection**

- Contributed to algorithms collecting data from 100+ media platforms across 10+ countries in four languages. Supported Cognitive Security in Modern Warfare, an AI system uncovering manipulation, malicious content dissemination, and troll group strategies for enhanced legal analysis and information security.
- **Technologies Used:** Python, JavaScript, Selenium, Scrapy, XPath, Requests, CSS, HTML, Git

**14.DRPM- Disaster Response Prediction Model**

- Scenario Specialist and Web Developer for the 14-DRPM project, combining data ethics principles with intuitive and interactive web design to create exercises on disaster response, predictive modeling, and ethical decision-making.

## TECHNICAL SKILLS

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**Programming and Web Technology:** Python, R, Javascript, MySQL

**Web Technology:** HTML, CSS, React, Figma, Wix, D3.js

**Big Data & ML/AI:** Apache Spark, Hadoop, MapReduce, Clustering, NLP, XAI, Recommender Systems, ALS, DNN

**Data Analysis & Visualization:** PowerBI, Tableau, Excel, Scikit-learn, NumPy, Pandas, RDD, ggplot(R)

**Additional Skills:** HPC (ICDS ROAR), HCI Principles, Human-Centered Design(UI/UX), Cluster Computing, Classification, Sentiment analysis, Mathematics of Finance, Consumer Psychology

**Soft Skills:** Continuous improvement mindset, Attention to detail, Strategic thinking, Creativity, Work life balance skill

**Interests:** Scuba diving, Web Design, Trend Analysis, Writing restaurant reviews, Photography, Motorbiking, Creating healthy recipes

## LEADERSHIP

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**Nth Power Arts and Creatives**

Taipei, Taiwan | Nov 2022 – Present

**Web Developer & Analyst**

- Designed and updated the organization's website to align with and strengthen the brand's mission.
- Analyzed website performance with web analytics tools and identified areas for improvement.

**The Pennsylvania State University - Main Campus**

University Park, PA | August 2022 – Dec 2024

**Teaching Assistant in Calculus & Discrete Math**

- Provided instructional support for 600+ students in Discrete Math and Calculus, clarifying complex concepts such as formal languages, logic, derivatives, and integrals.
- Held weekly office hours and study sessions outside of class time, with average session attendance of 80+ students, focused on reviewing course materials and preparing for exams.

**Alpha Kappa Delta Phi International Sorority**

Nu Chapter University Park, PA | November 2022 – April 2024

**Webmaster**

- Maintained the official chapter website, managing member status for 30+ sisters and collaborating with social media chairs to boost recruitment and awareness.

**Treasurer**

- Managed multiple financial accounts, membership fees, and funding proposals, demonstrating strong budget management and coordination with national and regional boards.

**Taiwanese American Student Association**

University Park, PA | March 2023 – May 2024

**President**

- Secured over \$30,000 in UPAC funding and managed logistics for a cultural awareness concert with 500+ participants at a downtown theater, featuring two celebrity groups from Taiwan.
- Fostered close relationships with TECO New York and strengthened TASA's connections with other universities in the greater New York area.