

Yullie Yang

(240) 620-4718 | yulliey@umd.edu | U.S. Citizen
www.linkedin.com/in/yullie-yang | yullieyang.github.io

EDUCATION

University of Maryland, Robert H. Smith School of Business

College Park, MD, USA

Master of Science in Business Analytics

December 2023

- Management Team Member, University of Maryland Korean Graduate Student Association
- Terrapin Scholar, 2021

Waseda University, School of Political Science and Economics

Tokyo, Japan

Bachelor of Arts, Global Political Economy

September 2022

- Waseda Korean Alumni Scholarship Recipient, Japan Student Services Organization Scholarship Recipient
- Marketing Team for TedXWasedaU; Student Event Planner for the Intercultural Communication Club

WORK EXPERIENCE

Federal Reserve Board of Governors

Washington, District of Columbia

Graduate Intern

May 2023 - August 2023

Posiflex Korea

Seoul, South Korea

Marketing Intern

February 2020 – May 2020

- Analyzed characteristics of each Point-Of-Sale (POS) system to predict optimal products for various industries, resulting in a 30% decrease in client issues and complaints.
- Established a technical environment for remote control of the POS system, allowing international teams to repair and maintain key technology resources remotely and reduce overall costs of shipping and repair by 80%.
- Automated data entry processing using Excel, leveraging pivot tables and data entry templates to standardize data process, resulting in decreased errors in entry input by 40%.

PROJECT EXPERIENCE

Predicting U.S. Housing Starts Price with Machine Learning (Python)

January 2023

- Built machine learning models to create a model to predict the likelihood of a U.S. recession within 1, 2, and 4 quarters.
- Presented visualizations of before and after handling data skewness and missing data for better understanding.

Predicting Risky Credit Card Applicants (Python)

December 2022

- Built machine learning models to detect risky credit card applicants, using customer profile at the credit card company.
- Presented target audience tokenization, padding analysis results, and precision-recall curve visualizations to a group of 30+ classmates.

E-bay Transaction Analysis (SQL)

December 2022

- Using a e-Bay transaction data, built the database and made queries to better predict future revenue, target customers, ER schema, Mission ER-diagram, Built the database using a E-bay transaction dataCreated a statistical model predicting hotel booking cancellation rates to minimize the loss in revenue by analyzing key variables such as guest composition, booking durations, and deposits to determine cancellation rates more accurately.
- Presented target audience ER diagram, ER schema, business rules, relations, tokenization, padding analysis results, and precision-recall curve visualizations to a group of 30+ classmates.

LEADERSHIP AND VOLUNTEER EXPERIENCE

Code States, Data Science Study Group

November 2021 – June 2022

- Facilitated daily group study sessions to provide a collaborative professional development network, give feedback on members' data analysis leveraging Google Colaboratory, and present on key topics of study.

CERTIFICATIONS & DISTINCTIONS

- Selected for **Artificial Intelligence Bootcamp** sponsored by the Korean Government (Code States, November 2021 – June 2022)
- **Languages:** English (Fluent), Korean (Native), Japanese (Fluent)

TECHNICAL SKILLS

- | | | |
|------------------------|--------------------|----------|
| • Python | • SQL | • R |
| • Statistical Analysis | • Machine Learning | • NLP |
| • Tableau | • Excel | • Github |