Gihyeon Kwon

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EDUCATION

University of California, San Diego   **La Jolla, CA**
Bachelor of Science in Business Economics, Data Science Minor | GPA: 3.8/4.0   *Sep 2022-Mar 2025*
- **Relevant Coursework:** Data Structures and Algorithms, Data Science in Practice, Data Analytics, Business Analytics, Econometrics I & II, Statistics, Customer Analytics, Business Information Systems.
- **Technical Skills:** Python, Java, Stata, SQL, R, Tableau, Excel, Azure DevOps, SSMS

EMPLOYMENT EXPERIENCE

University of California, San Diego   **La Jolla, CA**
Research Assistant   *Apr 2023-Present*
- Develop a **Python** program leveraging **NLP** for automated resume parsing to expedite the data-gathering process.
- Leverage **Python** for web scraping, cleaning, and analyzing NBA & NFL data.
- Utilize **QGIS** for georeferencing **150+** Utah church territories and employ **Python** scripts for automating shapefile creation and executing manual file rectification scripts, enhancing the data analysis process.
- Deploy **Stata** to run **300+** regression analyses on social survey data, examining the influence of individual characteristics on political party switching, contributing to the study of social factors in political conversion.

Axos Bank   **La Jolla, CA**
Data Business Analyst Intern   *June 2023-Sep 2023*
- Streamlined **EDW** Prod Support requirement iteration cycles by **30%**, translating stakeholder requirements into technical acceptance criteria while working in a **SCRUM** environment and closely supporting the Product Owner.
- Enhanced the **UAT** stage in the **SDLC** by **50%** through executing **SQL** queries in **SSMS** for data validation on pre-prod servers, and collaborating with Data and QA Engineers for UAT sign-offs and resolving rejected UATs.
- Led to the resolution of **48 Product Backlog Items** monthly by managing backlog items, initiating **6 weekly** Change Request tickets, and deployment sessions for the EDW team.
- Assisted in release management and Post-Production Quality Control, enhancing the SDLC's efficiency.

UCSD Information Technology Services   **La Jolla, CA**
IT Service Desk/ResNet Technician   *Sep 2022-June 2023*
- Troubleshoot network, software, and hardware issues to ensure optimal performance and reliability of all technologies while maintaining a secure network for over **40,000** students, staff, and faculty.
- Interacted with over **30** customers daily via phone, emails, and Zoom to deliver world-class customer service.
- Collaborated with **10+** organizations and **50+** groups to develop solutions while continually acquiring new skills.

PROJECTS

Sustainable Investment Group at UC San Diego   **La Jolla, CA**
Quantitative Equity Research Analyst   *Feb 2023-Dec 2023*
- Developed **LSTM** and **time series** Rolling Sharpe models with **Python** for stock analysis and recommendation.
- Conducted financial analysis using **Excel**, specializing in DCF models and Comparable Company Analysis.
- Administered crafting and presenting stock pitches for ENPH, Deere, and Cisco (CSCO) to CFAs in San Diego.

Axos Bank Capstone Project: Axos Invest Starter Bundle
- Performed Exploratory Data Analysis (**EDA**) using **Python** in **Jupyter Notebook**, analyzing 700 self-conducted Gen-Z financial survey records. Emphasized data cleaning to identify financial needs among non-investors.
- Innovated the "Invest Starter Bundle" by applying insights from **EDA**, creating a distinctive financial service. Analyzed market trends, constructed customer personas, and devised detailed implementation plans.
- Secured **1st place** in the Capstone presentation to bank executives.