Hwimin Park

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LinkedIn Portfolio Github

OBJECTIVE

With a foundation in economics, aspiring to secure admission into [Name of the Graduate School]'s [Data Science program name]. Knowledgeable and skilled in statistical analysis, econometrics, and programming, Ready to further refine expertise in data science methodologies and contribute meaningfully to the exploration and extraction of insights from complex datasets.

SKILLS

- **Data Science & Machine Learning**: Proficient in Python, Scikit-learn, and Pandas for developing models and handling large datasets.
- **Programming & SQL**: Strong command of Python and SQL for data analysis and database management.
- **Statistical Analysis**: Experienced in econometrics, time series analysis, and statistical methods.
- **Data Visualization**: Skilled in Tableau, Seaborn, and Matplotlib for creating impactful visualizations.

EDUCATION

University of Calgary | Calgary, AB

Bachelor of Arts in Economics, Minor in Data Science | Expected Graduation: 2025

Cumulative GPA: 3.98/4.0

- **Relevant Coursework**: Econometrics, Time Series Analysis, Statistical Methods for Data Science, Advanced Microeconomics, Data Processing and Storage, Mathematical Economics, Digital Economics Capstone

RELEVANT PROJECTS

Health Insurance Claim Prediction
Tools/Languages Used: Python, Scikit-learn, Pandas
Description: Applied regression analysis to predict health insurance claims by evaluating customer demographics and health factors. The project aimed to estimate future claim costs, providing valuable insights for refining premium-setting and risk assessment strategies in the insurance industry.

Forecasting GDP Per Capita in the US
Tools/Languages Used: Python, Scikit-learn, Pandas, Seaborn
Description: Developed a forecasting model to predict US GDP per capita using historical macroeconomic data. The model combined traditional econometric techniques with machine learning methods to project economic conditions one year ahead, incorporating indicators such as unemployment rates, inflation, and consumer confidence.

Credit Card Offer Acceptance Prediction
Tools/Languages Used: Python, Scikit-learn, Pandas
Description: Designed a predictive model to estimate the likelihood of customers accepting credit card offers based on their demographic and financial profiles. This project identified key factors influencing acceptance to enhance marketing strategies and improve the effectiveness of promotional campaigns.

AWARDS

President's Admission Scholarship, University of Calgary, 2021
- Awarded $5000 for achieving a high school average of 95% or higher.

Louise McKinney Scholarship, University of Calgary, 2022
- Awarded $2500 for maintaining a minimum GPA of 3.2.

Jason Lang Scholarship, University of Calgary, 2023
- Awarded $1000 for maintaining a minimum GPA of 3.2.

Joyce Foundation Jack Perraton and Ed & Lois Marshall Bursary, University of Calgary, 2021
- Awarded $5000 for participation in the Emerging Leaders Program.

Renewal of Joyce Foundation Jack Perraton and Ed & Lois Marshall Bursary, University of Calgary, 2022
- Renewed $5000 bursary for continued leadership and mentorship relationships.

Renewal of Joyce Foundation Jack Perraton and Ed & Lois Marshall Bursary, University of Calgary, 2023
- Renewed $5000 bursary for ongoing leadership and mentorship engagements.