Hwimin Park

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LinkedIn   Portfolio   Github

SKILLS

- **Data Modelling & Machine Learning**: Proficient in Python, Scikit-learn, and Pandas for developing models and handling large datasets.
- **Programming**: Strong command of Python, R, 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.

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.

EDUCATION

Bachelor of Arts in Economics, Minor in Data Science | Expected Graduation: Apr 2025
University of Calgary, Alberta
Cumulative GPA: 3.98/4.0

Relevant coursework:

- **Statistical Methods for Data Science**
  Covered probability theory, hypothesis testing, and inferential statistics, focusing on practical applications of statistical methods in real-world data science projects.

- **Data Processing and Storage**
  Focused on data management techniques, including database design, SQL, and big data processing tools, emphasizing data cleaning, transformation, and storage for analysis.
- **Econometrics**
  Explored statistical models and econometric techniques to analyze economic data, including regression analysis, hypothesis testing, and model specification.
- **Time Series Analysis**
  Studied techniques for analyzing temporal data, forecasting models, and identifying patterns such as trends, seasonality, and autocorrelation in time-dependent datasets.

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.

ADDITIONAL EXPERIENCE

Restaurant Server - *Baekjeong Korean BBQ House*   **August 2022 - May 2024**
- Provided exceptional customer service in a fast-paced Korean BBQ environment, showcasing adaptability and interpersonal skills.
- Managed orders efficiently, ensuring a seamless and positive dining experience for every customer.

Volunteer Tax Program - *University of Calgary*   **February 2023 - April 2023**
- Assisted students and staff with tax preparation, demonstrating meticulous attention to detail and excellent communication skills.
- Collaborated with a diverse team to ensure accurate tax returns and provide valuable assistance to the community.

Climbing Volunteer - *YMCA*   **September 2021 - June 2022**
- Assisted climbers with clipping into safety cables and supported the instructor to ensure a smooth and secure climbing experience.
- Monitored climbing areas and enforced safety protocols, helping maintain a hazard-free environment for participants.

Retail Cashier Volunteer *- Red Thread Gift Shop*   **August 2019 - August 2021**

- Managed merchandise restocking, arrangement, and organization.
- Assisted customers in their purchases, offering guidance on product selection and location.

INTERESTS

Technophilia: Enthusiastic about staying updated with the latest advancements in technology, from emerging tools to innovative methodologies.
Privacy: Passionate about maintaining and enhancing data privacy, consistently seeking ways to protect personal information and ensure ethical data practices.
Wellness: Committed to a balanced lifestyle through regular exercise and mindful consumption, promoting overall well-being and productivity.