Hwimin Park

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EDUCATION

University of Calgary Calgary, AB
Bachelor of Arts in Economics, Minor in Data Science GPA: 3.96/4.0 *Sep. 2021 – Present*

Relevant Coursework
- **Statistical Methods:** Applied probability theory and inferential statistics in real-world projects
- **Data Processing and Storage:** Focused on data management, SQL, and big data processing
- **Econometrics:** Developed statistical models to analyze and interpret economic data
- **Time Series Analysis:** Forecasted trends and patterns in temporal data

PROJECTS

Health Insurance Claim Prediction | *Python, Scikit-learn, Pandas*
- Developed a regression model in Python to predict health insurance claims based on customer demographics and health data
- Applied data preprocessing techniques and feature selection to improve model performance
- Provided actionable insights for refining premium-setting strategies and risk assessments

Predicting Individual Savings | *Python, Scikit-learn, Pandas, Seaborn*
- Built a Random Forest model to predict savings potential using a dataset of 22,000+ financial records
- Conducted cluster analysis and exploratory data analysis to uncover insights into savings behavior
- Results contributed to identifying key factors (e.g., age, account balances) influencing savings patterns

Credit Card Offer Acceptance Prediction | *Python, Scikit-learn, Pandas*
- Developed a classification model in Python to predict customer acceptance of credit card offers
- Employed cross-validation and hyperparameter tuning techniques to enhance model accuracy
- Identified key factors driving acceptance, which could inform targeted marketing strategies

SKILLS

Data Modelling & Machine Learning: Expertise in developing predictive models and handling large datasets using Python, Scikit-learn, and Pandas.
Programming: Advanced skills in Python, R, and SQL for comprehensive data manipulation, analysis, and database management.
Statistical Analysis: Proficient in econometrics, time series analysis, and applying statistical methods to economic data.
Data Visualization: Skilled in creating impactful visualizations with Tableau, Seaborn, and Matplotlib.
Feature Engineering & Model Validation: Experienced in feature selection and cross-validation to optimize model performance.

TECHNICAL SKILLS

Languages: Python, SQL, R, LaTeX
Libraries/Tools: Pandas, NumPy, Matplotlib, Scikit-learn, Seaborn, Tensorflow, Statsmodels, PySpark
Visualization Tools: Tableau, Power BI, Seaborn, Matplotlib
Core Expertise: Data modeling, feature engineering, machine learning, econometrics
Version Control: Git, GitHub

INTERESTS

Technology Enthusiast: Passionate about exploring advancements in both hardware and software, with a particular focus on open-source projects and Linux systems.
Privacy Advocate: Committed to understanding and promoting digital privacy and ethical technology practices.
Personal Growth: Enjoy reading, learning new language, and pursuing fitness as part of a balanced lifestyle.

Awards

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

Joyce Foundation Jack Perraton and Ed & Lois Marshall Bursary 2021-2023
- Awarded $5000 for participation in the Emerging Leaders Program and for continued leadership and mentorship relationships.

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

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

Additional Experience

Restaurant Server Aug 2022 – May 2024
Baekjeong Korean BBQ House *Calgary, AB*
- 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 Feb 2023 – Apr 2023
University of Calgary *Calgary, AB*
- 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 Sep 2021 – Jun 2022
YMCA *Calgary, AB*
- 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 Aug 2019 – Aug 2021
Red Thread Gift Shop *Calgary, AB*
- Managed merchandise restocking, arrangement, and organization
- Assisted customers in their purchases, offering guidance on product selection and location