

Hwimin Park

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EDUCATION

University of Calgary

Bachelor of Arts in Economics, Minor in Data Science GPA: 3.98/4.0

Calgary, AB

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:** Utilized statistical models and regression techniques to analyze economic data
- **Time Series Analysis:** Forecasted trends and patterns in temporal data

PROJECTS

Health Insurance Claim Prediction | *Python, Scikit-learn, Pandas*

- Implemented regression analysis to predict health insurance claims based on customer demographics and health factors
- Developed a feature selection process to improve model accuracy and efficiency
- Provided actionable insights to refine premium-setting and risk assessment strategies

Forecasting GDP Per Capita in the US | *Python, Scikit-learn, Pandas, Seaborn*

- Designed a predictive model to estimate US GDP per capita using historical macroeconomic data
- Integrated multiple econometric techniques and machine learning methods to enhance prediction accuracy
- Analyzed economic indicators such as unemployment rates and inflation to forecast economic conditions

Credit Card Offer Acceptance Prediction | *Python, Scikit-learn, Pandas*

- Developed a forecasting model to predict the likelihood of customers accepting credit card offers
- Employed cross-validation techniques to ensure robust model performance
- Identified key factors influencing acceptance to refine marketing strategies and improve promotional campaigns

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

Data Visualization Tools: Tableau, Power BI

Version Control: Git, GitHub

INTERESTS

Technophilia: Enthusiastic about emerging technologies and innovative tools.

Privacy: Committed to enhancing data privacy and ethical practices.

Wellness: Committed to a balanced lifestyle through exercise and mindful consumption.

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