Paul Kim

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EDUCATION

Northwestern University   **Evanston, IL**

Bachelor of Science in Industrial Engineering, Double Major in Economics   *Jun 2026 (Expected)*
Minor in Business Institutions, Kellogg Certificate Program for Undergraduates in Managerial Analytics
- GPA: 3.7/4.0
- Relevant Coursework: Honors Calculus, Competitive Strategy, Stochastic Models, Statistics and Machine Learning

RELEVANT EXPERIENCE

Monitor Deloitte   **Seoul, KR**

Consulting Business Analyst   *May 2024 – Jun 2024*
- Collaborated with Deloitte US to facilitate 120+ person PMI workshops for a $9B M&A deal between SK hynix and Intel
- Provided Korean translations for workshop slide decks and recorded multiple meeting notes for engineering module
- Organized daily updates from each swim lane and provided summarized progress reports for team manager daily
- Tracked milestone alignment and action item progress for each swim lane, extracting statistics using pivot charts in Excel

Republic of Korea Army   **Seoul, KR**

Fire Direction Control Squad Leader, Sergeant   *Sep 2022 – Mar 2024*
- Performed calculations and operated chemical detection equipment as horizontal-vertical control operator (HVCO)
- Orchestrated weekly training sessions for squad of 4 and won first place in the brigade's annual performance evaluation

Sievo   **Chicago, IL**

Data Management Specialist Intern   *Jun 2022 – Aug 2022*
- Classified and consolidated client spend data using T-SQL, Qlik, Excel, and internal company dashboard
- Orchestrated monthly data imports for 3 clients, leveraging Jira, PowerBI, and MS SQL, ensuring timely delivery of data
- Oversaw weekly ticket influx and distributed unclaimed tickets across the team to achieve 100% first response rate
- Spearheaded new AI algorithm integration, improving tail spend classification by 30%+ across 4 client companies

PROJECT EXPERIENCE

Tesla Stock Volatility Project   **Seoul, KR**

Independent Project   *May 2023 – Jul 2023*
- Leveraged TensorFlow with GARCH and LSTM models to capture Tesla's volatility dynamics with 90.17% accuracy
- Performed cointegration analysis with Meta stock returns using VECM and residual analysis after bootstrapping
- Attained 97.85% accuracy in predicting stock volatility by applying ARIMA modeling with GridSearchCV optimization

Block Sight not Heat   **Evanston, IL**

Team Leader   *Apr 2022 – Jun 2022*
- Directed a team of 4 in the innovative design of a house aimed at addressing extreme diurnal temperature variations
- Created final prototype, published a 43-page report on design process, and presented a 15-minute pitch on final output
- Applied the original model to Northwestern's quarantine housing facility as part of a secondary report

Global Research and Consulting Group (Kellogg)   **Chicago, IL**

Project Leader, Epilepsy Foundation of Greater Chicago   *Oct 2021 – Feb 2022*
- Took charge of client communication, delivered progress reports, and managed project timeline for team of 5
- Cleansed and reorganized epilepsy training data for 366 schools in the Chicagoland area using Microsoft Excel
- Constructed an interactive Tableau dashboard with geolocation features and a searchable filter for use of lawmakers

ADDITIONAL INFORMATION

Technical skills: Python, R, SQL, Excel – advanced; TensorFlow, Java - intermediate; MATLAB, HTML/CSS/JS - basic
Languages: English (Native), Korean (Native), Chinese (Proficient), Spanish (Basic), French (Basic)