JAY LEE

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PROFESSIONAL SUMMARY

Highly dedicated, intuitive, and problem-solver professional with a comprehensive background in data analysis, data visualization, and statistics due to being an active learner and driven researcher, constantly combining theory and practice on diversified studies to better understand the data analysis field. Adept at defining project scope, specifications, timeline, and resources, from planning through project completion. A collaborative individual who builds and maintains lasting relationships, leveraging excellent communication skills to converse with clarity and inspire individuals with diverse expertise.

Core Competencies: Data Analysis | Database Management | Statistical Data Models | Research & Development | Cross-functional Team Leadership | Business Analytics | Econometrics | Project Management | Problem-Solving Skills | Vision and Strategy | Analytical and Conceptual Thinking | Adaptability | Interpersonal Communication

Technical Acumen: Python | R | SQL | Excel | Stata | Tableau | MATLAB | Jupyter Notebook | LaTeX | Git

EDUCATION

MRes in Analysis & Policy in Economics – Paris School of Economics, Paris, France – Current

MA in Economics – University of Toronto, Toronto Canada – 2020

BSc in Economics, Minor in Math – Queen's University, Kingston, Canada – 2019

PROFESSIONAL EXPERIENCE

INSTITUTE FOR INTERNATIONAL ECONOMIC STUDIES　　　　　　　　　　**STOCKHOLM, SWEDEN**
DATA ANALYST　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**2023 – 2024**

- Efficiently analyzed data from 150,000 Swedish firms, employing advanced statistical methodology, and used outputs for research project purposes; increased robustness in statistical analysis providing meaningful insights
- Performed comprehensive data collection, evaluating a variety of records, and data cleaning processes ensuring data accuracy, completeness, and consistency enhancing the quality of data and overall efficacy of projects
- Developed suggestions and provided excellent solutions to problems related to data management and statistical analysis, contributing significantly to the efficiency and effectiveness of statistical analyses resulting in improved project outcomes

UNIVERSITY OF TORONTO　　　　　　　　　　　　　　　　　　　　　　**TORONTO, CANADA**
TEACHING ASSISTANT　　　　　　　　　　　　　　　　　　　　　　　　　**2019 – 2020**

- Coordinated with the professors to prepare all assignments and activities to ensure they fulfilled all requirements; assumed responsibility for being aware of and obeying the academic regulations and correct procedures involved with the role.
- Supervised 300 students for exam proctoring and held office hours to advise students with assignments while strictly adhering to university policies encouraging transdisciplinarity through blending various teaching strategies.
- Promoted an interactive learning environment, evaluated, and graded various student materials, including assignments, exams, and term papers, and reviewed and reported on each student's progress individually.

QUEEN'S UNIVERSITY　　　　　　　　　　　　　　　　　　　　　　　　**KINGSTON, CANADA**
RESEARCH ASSISTANT　　　　　　　　　　　　　　　　　　　　　　　　　　　**2019**

- Created and gathered databases on Canadian politics, the economy, and education, including those on election outcomes, economic data by riding, characteristics of city council members, and school directories.
- Strengthened analytical abilities and gained expertise with several statistical tools and languages, like Python, through web-scraping data from various online sources while providing administrative project support to ensure high-quality results.
- Increased the quality of datasets by doing kurtosis analysis, surveying more than 2000 politicians by e-mail, and running descriptive statistics in a statistical program to find missing data and outliers.

LEADERSHIP AND VOLUNTEER EXPERIENCE

PRIMIA RISK MANAGEMENT CHALLANGE
PRMC INTERNATIONAL FINALIST | 2ND PLACE IN REGIONAL　　　　　　　　　　　　**2020**

- Collaborated in a team to develop and deliver a risk management case competition on the collapse of the LTCM fund, including trading strategies, leverage risk, a scenario for a macroeconomic stress test, and a risk governance framework.
- Developed a MATLAB project to analyze the risk of a pair trading strategy for two cointegrated stocks using counterfactual Monte Carlo simulations to calculate 10-day PnL distribution which resulted in 2nd Place Internationally.

ADDITIONAL INFORMATION

Spoken Languages – English – Fluent; Korean – Fluent; French – Beginner.