

# Seungho (Samuel) Lee

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## EDUCATION

**Claremont McKenna College** – Claremont, California

**May 2021**

*Bachelor of Arts in Quantitative Economics with Data Science Sequence*

- Relevant Coursework: Applied Microeconometrics, Big Data, Corporate Finance, Data Mining, Data Science, Game Theory, Intermediate Micro/Macroeconomics, Linear Algebra, Mergers & Acquisitions
- Thesis: Feature Investigation for Stock Returns Prediction Using XGBoost and Deep Learning Sentiment

## CLINIC EXPERIENCE

*Project Manager* – **Data Science Clinic, Flexfit LLC**, Brea, California

**Jan 2020 – May 2020**

- Led a team of 4 Data Science students for constructing Big Data roadmap and analyzing over 120,000 observations of queried global shipment data from the ERP database for a leading headwear distributor
- Built a non-parametric model for sales and market predictions in R and developed sales turnover KPI, from network centrality and social media data, to derive 3 key regions with high online marketing potential
- Utilized Agile Development (Scrum Methodology) to prioritize stakeholders' needs and presented findings and recommendations to senior executives

## WORK EXPERIENCE

*Research Analyst*, **Boston Consulting Group**, Seoul, South Korea

**Jul 2020 – Aug 2020**

- Conducted on-site research of 5 interior design studios and benchmarked client's performance by comparing customer experience of client's retail stores to its competitors
- Segmented daily routines of Korean working population by age and analyzed changes in consumer behaviors over 20 years to define unmet customer needs of urban population
- Supported Residential IoT Product Strategy project by providing competitor analysis of Korean IoT market and ecosystem to identify 3 potential areas of differentiation for Consumer Electronics conglomerate

*Research Assistant*, **Kearney**, Seoul, South Korea

**Jun 2020 – Jul 2020**

- Examined scope of financial subsidies received by 12 major flag carriers due to COVID-19 Pandemic to draft a bailout proposal for a major Korean airline
- Interviewed 3 Software Development experts from client's major competitor and identified key development processes for a leading semiconductor firm
- Assessed Vietnamese urban households with children and consumption patterns over 12 years to support market entry engagement for a global theme park business

*Intern*, **EY Data & Analytics (DnA), Asia Pacific Advisory**, Seoul, South Korea

**Jun 2019 – Aug 2019**

- Produced 2 Blockchain Supply Chain case studies to facilitate enterprise platform implementation
- Assisted in 4 RFI and 2 RFP submissions on digital transformation projects for Korean automotive, entertainment, finance, and hospitality clients

*Sergeant Constable*, **Seoul Metropolitan Police Agency**, Seoul, South Korea

**Jan 2017 – Oct 2018**

- Supervised 4 motor operators and coordinated transport functions in over 100 diplomatic missions
- Volunteered to participate in a promotional video and educated 20 local Pre-K students on road safety
- Awarded a commendation from the Commissioner of Seoul Metropolitan Police Agency in recognition of a commitment to public safety and contribution to police administration

## LEADERSHIP EXPERIENCE

*Undergraduate Fellow*, **Murty Sunak Quantitative and Computing Lab**

**Sep 2020 – May 2021**

*Director of Social Programming*, **Korean Student Association**, Claremont Colleges

**Apr 2019 – May 2020**

*Platoon Leader*, **Gwanak Police Station**, Seoul Metropolitan Police Agency

**Aug 2018 – Nov 2018**

## TECHNICAL SKILLS

- Technical: R, Python, Excel, PowerPoint, Stata, SQL, Tableau, Machine Learning (AdaBoost, KNN, Logit, RF, SVM, XGBoost), A/B Testing and Experimentation, Valuation, Git, LaTeX, Capital IQ, Bash, Docker
- Languages: Fluent in English and Korean, Limited proficiency in Mandarin