Hyen Jay Lee

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EDUCATION

Georgia Institute of Technology, Atlanta, GA
- Major: Industrial Engineering (Concentration: Economic and Financial System)
- GPA: 3.7/4.0 (Senior)

Milton High School, Milton, GA
- GPA: 97.03/100
- TA of the Year

SKILLS

Software: Excel, Word, OneNote, PowerPoint
Programming Languages: Python, JAVA, SQL, LATEX, R, R MARKDOWN, HTML
Concepts: Object-oriented Programming, Linear Algebra, Multivariable Calculus, Probability, Random Variable, Distribution Analysis, Statistical Inference, Data Visualization, Linear Regression, Experiment Design, Markov Chains, System Dynamics, Simulation, Supply Chain Economics, Finance and Investment, Optimization, Quality Improvement, City Planning
Languages Spoken: Korean (Fluent), Spanish (Conversational)
Communication: Public speaking and presenting
Hobbies: Golf, Basketball, Violin

EXPERIENCE/INTERNSHIP

Greater North Fulton Chamber of Commerce (2017-2018)
- Data Analysis/Organization, Event Coordination, and Customer Service

Milton Public Library (2017)
- Data Analysis and customer service

Paul Academy (2019)
- Teaching Assistant and counselor for high school students who were interested in going to American University in South Korea

PROJECT

KPMG AI Challenge (2019)
- Our team built an AI model to improve Customer Service in stores by using face recognition. Cameras that are set up in multiple angles would analyze customer's expression and give instant feedback to managers

Atlanta Traffic Optimization (2019)
- Our team found real data over few days for a given intersection and analyzed the queue time to find an algorithm for traffic lights. We were able to decrease traffic time by 20%.

Warehouse Optimization (2020)
- After acquiring warehouse data, we used Gurobi to code the objective function and constraints to find the minimum shipping price for the firm

Investment Analysis (2020)
- Analyzed competing automobiles' (Tesla, Toyota, Honda) financial statements and projected their cashflow, EBIT, and profitability for the next 5 years to find the best investing option

Houston Rockets Analysis (2020)
- Our team analyzed three decades of Houston Rocket's statistics using various statistical testing in order to find the factor that contributed the most to wins