

FUAD HOSSAIN

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EDUCATION

The Georgia Institute of Technology **Atlanta, Georgia**
Bachelor of Science in Industrial and Systems Engineering *December 2022*
• Concentration: Economic and Financial Systems Highest Honors
• Minor: Engineering & Business through The Denning Technology & Management Program Business GPA 3.86

PROFESSIONAL EXPERIENCE

Boeing **Charleston, South Carolina**
Strategy Intern *August 2021 – May 2022*
• Spearheaded two tooling systems that consolidated more than 50% of current costs (\$17.6B) and boosted ESG efforts
• Automated department's decision-making Excel tool to improve engineering calculation of different airplane parts
• Orchestrated weekly sprints as JIRA administrator to ensure an effective engineering and business Agile workflow
• Engineered two modular scaffolding systems that eliminated the need to salvage tooling after an airplane's life cycle and effectively conveyed the complex designs and business case to executives

KPMG **New York, New York**
Deal Advisory & Strategy Analytics Summer Analyst *June 2021 – August 2021*
• Piloted a growth strategy to enable geographic & market share expansion (17% increase in AUV) for a QSR client
• Fitted machine learning models to forecast revenue of potential real estate acquisitions based on historical sales, Experian, & Census data. Developed heatmap using Tableau to highlight high-yielding locations and demographic shifts
• Managed global services team (KGS) to conduct industrial and oil/gas due diligence for merger and acquisition engagements. Extracted insights for a carve-out valuation (\$21.3B) using custom Alteryx workflows & SQL databases

Medidata Solutions **New York, New York**
Market Intelligence Intern *June 2020 – August 2020*
• Pioneered firm's database by automating a lengthy & periodic task using Python to read over 20,000+ rows and export matched data based on a given criterion - saving weeks' worth of work & improved matches from 8% to 32%
• Defined a go-to-market strategy for a newly acquired analytics company, SHYFT. Generated an interactive graphic to display SHYFT's prominent competitors, pinpointing areas of strength, and areas to enhance positioning
• Assessed market size of patient cloud services in different therapeutic areas. Reviewed market/competitor data and SEC filings to generate a breakdown of the top 50 medical device companies, ultimately generating sales leads

All Star Code (Facebook) **New York, New York**
Student Programmer *June 2017 – August 2019*
• Developed a mobile app to eliminate the nuisance of waiting in line at the grocery store by converting a phone into a scanner with additional features (40% increase in throughput). Integration of GPS, image recognition, and data decoding

LEADERSHIP

Investments Committee / Senior Analyst *August 2019 – Present*
• Led a team of 12 analysts in conducting industry research to develop valuation models such as DDM, DCF, and CCA as a part of pitch books for the \$200K consumer discretionary sector holdings, utilized Bloomberg and S&P Capital IQ

Deloitte Case Competition (1st Place) *February 2021 – March 2021*
• Semi-Finalist on national level; coordinated presentation on restructuring real estate footprint and growing profitability
• Placed 1st on state-level; coordinated case on an M&A strategy - highlighting potential synergies and implementation

COVID-19 Data Analysis *August 2020 – January 2021*
• Developed a machine learning model using socioeconomic factors and historical COVID-19 data to forecast new cases. Feature engineered with stepwise (AIC), Ridge, & Lasso regression. Visualized model with an interactive map of USA

SKILLS/INTERESTS

Business: Financial & Statistical Modeling, Bloomberg, Capital IQ, Power BI, Tableau, Excel, PowerPoint
Technical: SQL, Python, Alteryx, Agile, R, Scum, Jira, HTML5, JavaScript, LaTeX, NumPy, Pandas, Regex
Certifications: Bloomberg Market Concepts, Alteryx Designer Core, Microsoft Office Specialist, Various IT certs
Interests: F1 Racing, Food, Traveling, Keyboards, Jomboy Media, Shoe Arbitrage, Consult Your Community