James Wiggins

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EXPERIENCE

EXXONMOBIL IT | Corporate Solutions Analyst
Sept 2019 – present | The Woodlands, TX

- Selected multiple times to develop insights and Tableau dashboards for company-wide leadership involving historical & projected performance of assets and nominal vs target spend
- Created company-wide resources and best-practice documentation specifically for using Tableau within ExxonMobil's environment
- Held weekly office hours as an 'Analytics Doctor' helping individuals throughout the company solve their analytics related issues
- On-boarded and mentored one summer intern and one full-time hire
- Won company-wide analytics competition 'aGame' in December 2019
- Fostered team collaboration by creating Zoom and Slack channels

DELTA AIR LINES | Coop
Aug 2016 – Aug 2018 | Atlanta, GA

- Used SAS to automate the end-to-end process of creating myriad high visibility reports such as the Daily Domestic Operations Competitive Performance, the Weekend Stats Report, and the NYC Report
- Developed and distributed the OCC Performance Review 7 times
- Routinely delivered the 9AM briefing informing Delta's SVP Operations on yesterday's performance
- Strategized overhaul of ATL Logistics headcount forecasting model
- Routinely performed ad-hoc data gathering and visualization

GEORGIA TECH HOUSING | Resident Assistant
Aug 2016 – May 2019 | Atlanta, GA

- Built community on a floor of 54 residents, hosted 32+ social and informational floor programs, designed and produced 24 bulletin boards, and was on-call for emergencies in a 700+ occupancy building
- Awarded Event-of-the-Year for 20+ residents sending thank you notes to a hospitalized veteran of United States Armed Forces

PROJECTS

HOTSPOT RIDE | Co-founder and CEO
May 2016 - Apr 2017 | New York City, NY

- Coordinated with lawyers, GT mentors, and 3 co-founders to kick-start a big data based mobile app on iOS and Android
- Leveraged machine learning to determine real-time high frequency customer locations enabling taxi drivers to compete with ride services
- Launched in Manhattan with the New York Taxi and Limousine Commission (TLC)
- $20k venture capital raised with angel investors

NTG | Industrial Engineering Senior Design
Jan 2018 – May 2018 | Atlanta, GA

- Personally contributed by using GurobiPy to implement shortest path integer program which consolidated individual orders into optimally combined delivery routes (think UberPool for 18-wheelers)
- New combined shipments method alone estimated increase of 5.27% ($467k) to client's net profit

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY
Master of Science in Analytics
Dec 2019 | Atlanta, GA
Concentration in Machine Learning

GEORGIA INSTITUTE OF TECHNOLOGY
Bachelor of Science in ISyE
May 2018 | Atlanta, GA
Graduated Highest Institutional Honor
GPA: 3.71 / 4.0

SKILLS

EXPERT
Tableau • Statistics
Communicating Insights • Visualization

PROFICIENT
Python • Numpy • Pandas
Scikit-Learn • MatPlotLib • SAS
Alteryx • MS Office Suite • D3 • SQL

TECHNOLOGY
Automation • Virtual Environments •
SVG • Jupyter Notebook • Git/Github

COURSEWORK

GRADUATE
Analytical Modeling
Data Visualization
Machine Learning
Optimization
Time Series Analysis

UNDERGRADUATE
Accounting *(Teaching Assistant)*
Manufacturing Quality Improvement
Optimization
Regression/Forecasting
Simulation
Statistics/Probability
Stochastic Modeling
UI Design

LINKS

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