James Michael Wiggins

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EDUCATION

Master of Science in Analytics at Georgia Institute of Technology (estimated Spring 2019)   3.80 GPA
- Machine Learning, Data Visualization, Analytical Modeling, Regression, Operations Research

Bachelor of Industrial Engineering at Georgia Institute of Technology (Spring 2018)   3.71 GPA
- Dean's List: Fall 2015, Faculty Honors: Spring 2016 - Spring 2017, graduated with Highest Honors
- Senior Design Project estimated $767,000 annual increase to net profit for Nolan Transportation Group

Associate of Business at Abraham Baldwin Agricultural College (Spring 2015)   4.00 GPA
- President's List: Fall 2013 - Spring 2015, graduated with Highest Honors
- Senator for the School of Science and Mathematics

Associate of Drafting Technology at Southwest Georgia Technical College (Spring 2012)   3.95 GPA
- President's List: Summer 2010- Summer 2013, graduated with Highest Honors

PROJECTS

Senior Design at Georgia Institute of Technology   (Spring 2018)
- Utilized Gurobipy to import data, cluster, and implement shortest path integer program to consolidate individual shipments into combined routes. Results were displayed in a Tkinter GUI for the client

Chief Executive Officer at *Hotspot Ride,* Atlanta, Georgia   (Summer 2016)
- Coordinated with lawyers, GT mentors, and 3 cofounders to kick-start a big data based mobile app

EXPERIENCE

Data Analyst Coop at *Delta Air Lines*, Atlanta, Georgia   (Aug. '16 – Aug. '18)
- Utilized SAS to generate, run, and automate numerous high visibility reports such as the Daily Domestic Operations Competitive Performance, the Weekend Stats Report, and the NYC Report
- Updated, compiled, and distributed the OCC Monthly Performance Review 7 times
- Spoke at 9 AM Briefing for 2 semesters informing Delta's SVP Operations on Delta's performance
- Strategized complete overhaul of Delta Logistics headcount forecasting model in Atlanta
- Performed ad-hoc data pulls and visualizations

Student Staff Member at *Georgia Tech Housing,* Atlanta, Georgia   (Aug. '16 – May '19)
- 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

Accounting Tutor at *ABAC*, Tifton, Georgia   (Aug. '14 – May '15)
- Held 10 office hours per week for individual and group tutoring, substitute lectured 2 class periods

SKILLS
- Proficient in Python, SAS, SQL, R, Microsoft Office Suite
- Prior experience with PuLP, Gurobi, Inventor, Minitab, Javascript, D3, Github, OpenRefine, Tableau

VOLUNTEER WORK: YMCA Little League Soccer Coach, Pro Bono Architectural Drawings for Lambda Delta Psi, Stafford School of Business Manna Drop, Adopt-A-Family Christmas Drive, Grace Midtown Church Greeter

EXTRACURRICULAR ACTIVITIES: Georgia Tech Crew, Bricks4Kids Instructor, Intramural Indoor Soccer Team Captain, Catalyst Youth Church Worship Leader, Piano, Ping Pong