Tal Mullenbach

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ACADEMIC

Georgia Institute of Technology - Atlanta, GA   *Aug. 2020*
M.S. in Analytics – Analytical Tools Concentration

Relevant Coursework:
- Simulation, High-Dimensional Data Analytics, Machine Learning, Statistical Modeling and Regression Analysis, and Data and Visual Analytics

The University of Georgia (UGA) - Athens, GA   *2012 – 2016*
B.B.A. in Management Information Systems
Leonard Leadership Scholar - Certificate in Personal and Organizational Leadership

PROFESSIONAL

The Home Depot - Atlanta, GA   *2018 – 2019*
Senior Analyst – Decision Analytics

- Translated business questions into actionable insights by building out reporting capabilities and accessibility via Google BigQuery and Tableau Online, performing deep data analyses utilizing SQL, R, and Python, and collaborating with cross-functional teams across merchandising, finance, operations, and IT.
- Applied data mining and statistical analysis techniques to support business partners in making data-driven decisions. Used logistic regression model to analyze customer call center data, carpet price fluctuations, and on-site measurement technician notes to identify drivers for carpet sale conversion, which accounts for $1 billion in annual sales.
- Oversaw four developers in multi-million dollar project focused on the consolidation of financial data into one source of truth, and the transition to a cloud-based reporting platform

Ernst & Young (EY) - Atlanta, GA   *2016 – 2018*
Consultant – Technology Advisory

- Analyzed regulatory and operational needs of S&P 500 clients, developed implementation roadmaps, and implemented re-engineered operational processes through iterative communication with and counseling of both internal and external project stakeholders
- Designed and implemented asset management solution at the largest utility company in the U.S. via an Agile development methodology through consolidating fragmented data into a centralized source and updating dashboards and reporting capabilities to allow for faster and simpler data access

Ernst & Young (EY) – Atlanta, GA   *2015*
Intern – Forensic Technology

- Supported multiple client engagement teams in performing fraud and forensic investigations, expert witness services, and financial and economic analyses through creating Tableau dashboards and reports to provide real-time updates on project progress, automate the retrieval of KPIs, and reduce recurrent exchanges with the clients
- Analyzed publicly available healthcare data for fraudulent trends of over 5,000 hospitals nationally to better equip the Forensic Technology practice to enter into the healthcare market

SKILLS

Programming Languages: Python, R, SQL, Scala, Java
Libraries/Tools: Tableau, Google Cloud Platform, Pandas/NumPy, D3.js, AWS