

Evan Anderson

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Education

Georgia Institute of Technology, BS Chemical and Biomolecular Engineering May 2016

Georgia Institute of Technology, MS Data Analytics August 2019 - May 2021 (Exp. Grad)

- Focus Area - Computational Data Analysis
- Regression Analysis, Data Analytics in Business, DN System Concepts & Design

Employment

AnswerRocket- Implementations Consultant November 2019 - Present

- Client facing implementation of data visualization and analysis software
- ETL, analysis, and software solution implementation for large, international sales and marketing datasets in CPG space

Manhattan Associates - Warehouse Management OS Consultant March 2019 - November 2019

- Professional Services, client-facing WM software implementation

Micron Technology - Real-Time Defect Analysis Data Engineer June 2018 - March 2019

- Data flow and processing architecture - SQL, NoSQL (MongoDB)
- Data analysis and modeling for yield prediction - Python; Pandas, SciPy, Scikit-Learn
- Inter-department project management for large scale data science applications

Micron Technology - Real-Time Defect Analysis Process Engineer August 2016 - June 2018

- In depth knowledge of process flow for next-gen 3D NAND technology
- Process monitoring and optimization from silicon drop to probe
- Daily collaboration across multiple process engineering disciplines
- Insitu failure mode data collection and analysis via python scripting for RDA area
- SPC monitoring of 7-8 inspection steps (200 process steps) per product node
- RDA rea data collection, analysis, and visualization expert

GT Institute of Electronics and Nanotechnology - Student Assistant August 2015 - July 2016

- Microelectronics and nanotechnology processing
- Instrument maintenance, calibration and user training
- Focus on metallization, oxide layer deposition, and SEM tools

Projects

Micron Technology - RnD Fab Defects Per Die Correlation

- Collect, clean, and analyze wafer level defectivity data
- Parse and extrapolate to die level data, correlate with probe failures

Micron Technology - Wafer Silhouette Image Processing and Modeling

- Image, pre-processing, modeling, and predicting for inline, real-time defect detection

Baker Hughes - Polyisobutylene Plant Senior Design/Thesis

- Simulate, plan, and design a processing facility for a polyisobutylene based slurry
- Provide a full cost analysis and economic evaluation of the plant's feasibility

Skills

- MacOS, Windows, Linux Systems
- Python, SQL, NoSQL systems, Tableau - Specialized for data analysis and visualization

Interests and Activities

- **IRONMAN** - Finisher, Louisville
- **Active Outdoors Enthusiast** - Whitewater Kayaking, Rock Climbing, Trail Running, Snow Skiing