

Amol Singbal

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EDUCATION

M.S. ELECTRICAL & COMPUTER ENGINEERING

Georgia Tech, Atlanta, GA / May 2019

B.Tech. ELECTRONICS & TELECOMMUNICATIONS

V.J.T.I, Mumbai, India / May 2017

SKILLS & CERTIFICATIONS

- **Languages:** Spark, Python, R, SQL, TensorFlow, MATLAB
- **Libraries/Frameworks:** Tableau, Pandas, NLTK, Scikit-Learn, Matplotlib, Numpy
- **Certifications:** Deep Learning Specialization, TensorFlow Developer Certificate, Practical Time Series Analysis, Basic Statistics
- **Publications:** [Reconstruction of Compressively Sensed Images using Regularized Sparse Dictionary Learning & Adaptive Spectral Filtering](#)

EXPERIENCE

DATA SCIENTIST

Stanley Black & Decker, New Britain, CT / July 2019 – Present

- Building Sentiment & Regression Models to analyze and align the customer & company valuation of products, across a \$600M portfolio
- Mentoring 30+ interns to deliver AI based forecasting models for various products/geographies
- Implemented Media Mix Models (MMM), 90% accuracy to optimize \$76M marketing spend for a \$B brand & presented budget structuring recommendations to the marketing stakeholders
- Identified [factors](#) driving medication adherence & devised action plans by predicting usage patterns for [PRIA Dispenser](#), thus increasing revenue
- Generated data-driven ~80% accurate sales forecasts across automotive & industrial divisions during COVID-19
- Designed & deployed Tableau dashboards aimed at delivering insights into indirect spends, saving \$5M annually
- Contributed to development of a R Tool designed to assist managers in finding commodity savings/risks, resulting in \$50M-\$100M savings annually on a \$10B spend

APPLIED SCIENTIST INTERN

Amazon, Bengaluru, India / August – December 2018

- Built a Light GBM model to suggest product weights, saving \$5M in shipping charges

DEEP LEARNING INTERN

Panasonic Automotive, Atlanta, GA / May – August 2018

- Achieved a 95% accuracy for occupancy detection in vehicles