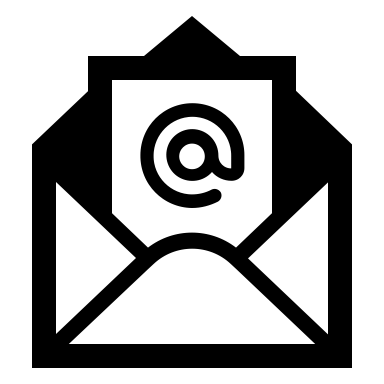
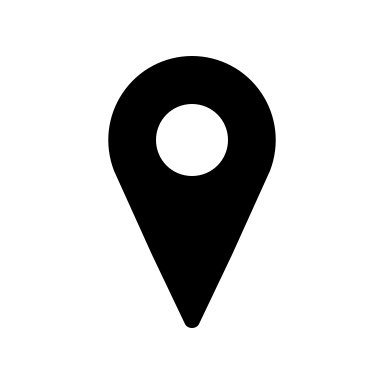


Amol Singbal







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https://amol195.github.io/

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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](https://ieeexplore.ieee.org/document/8959013)

**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](https://www.okpria.com/medication-adherence-case-study-pria) driving medication adherence & devised action plans by predicting usage patterns for [PRIA Dispenser](https://www.okpria.com/), 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