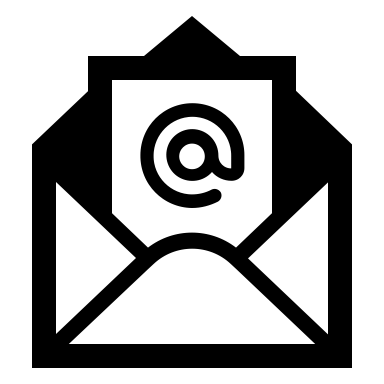
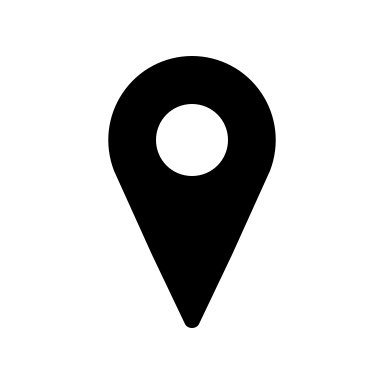


Amol Singbal







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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**: <https://ieeexplore.ieee.org/document/8959013>

**EXPERIENCE**

**Stanley Black & Decker, New Britain, CT**

Data Scientist – II | Aug 2021 - Current

Data Scientist - I | July 2019 – July 2021

* Developed a framework, impacting a portfolio of $600M, to align customer & company valuation of products
* Mentored 50+ interns to deliver AI based forecasting models for various products/geographies
* Optimized $400M marketing budget to maximize ROI spanning multiple sales channels through Media Mix Models (MMM) across major tool brands like DeWalt, Craftsman etc
* Developed 70% accurate forecasts for users covering 16 regions and 500+ medications to promote adherence to prescribed medication, through PRIA
* Improved accuracy of sales forecasts from 50% to 80%, during COVID-19 using time series forecasting models like ARIMAX, RNN etc
* Designed & deployed Tableau dashboards to flag non-compliant transactions across various HR pillars, saving around $5M annually
* Contributed to development of a R Tool designed to find commodity savings/risks, resulting in $50M-$100M savings annually on a $10B spend

**Amazon, Bangalore, India**

Applied Scientist Intern | August – December 2018

* Saved Amazon over $5M in shipping through accurate predictions of product dimensions

**Panasonic Automotive, Atlanta, GA**

Deep Learning Intern | May – August 2018

* Improved Panasonic’s occupancy detection by 95% by developing an object detection system