

Amol Singbal

<https://amol195.github.io/>

Email: amolsingbal1995@gmail.com

Mobile: +14042007447

EDUCATION

- **Georgia Institute of Technology** Atlanta, GA
Masters in Electrical and Computer Engineering; GPA: 3.50 Spring 2019
- **Veermata Jijabai Technological Institute** Mumbai, India
Bachelors of Technology in Electronics & Telecommunications Summer 2017

EXPERIENCE

- **Stanley Black and Decker, Data & Analytics Team** New Britain, CT
Data Scientist July 2019 - Current
 - Responsible for maintaining data quality across multiple SAP systems in a step towards NextGen Procurement
 - Generating various metrics to give a thorough understanding of the procurement process
- **Amazon, India Machine Learning (IML) Team** Bengaluru, India
Applied Scientist Intern Aug - Dec 2018
 - Developed a model to provide weight recommendations, saving millions in shipping charges
 - Achieved a test set variance of about 200 grams on Amazon's 1000 bestselling products.
- **Panasonic Automotive, Advanced Engineering Group** Atlanta, GA
Deep Learning Software Intern May - Aug 2018
 - Engineered a real time driver monitoring system to prevent accidents
 - Achieved a 74% and 95% accuracy in cell phone and occupancy detection in the vehicle
- **Tata Teleservices Pvt Ltd, GSM Management Team** Mumbai, India
Network Management Intern May - Jul 2016
 - Assisted in the management of Tata Docomo's GSM network

SKILLS

- **Languages:** Python, R, SQL, C++, MATLAB, Java
- **Frameworks:** Spark, Hive, AWS, TensorFlow, Hadoop, MS Excel, MongoDB, LaTeX
- **Certifications:** Deep Learning Specialization (Coursera), How Google does Machine Learning (Coursera), Introduction to Python for Data Science (EDX)

COURSE PROJECTS

- Semantic Segmentation of Nuclei Mar - May 2018
- Emotion Recognition using Speech Feb - Apr 2018
- Chest X-Ray Disease Diagnosis Mar - Apr 2018
 - https://www.youtube.com/watch?v=tPka_wppwUE
- Reconstructing Images using Dictionary Learning Oct - Dec 2017
 - <https://arxiv.org/abs/1801.09135>