Amol Singbal

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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 — *Fall 2019 - Current*

  o Responsible for maintaining data quality across multiple SAP systems in a step towards NextGen Procurement
  o Generating various metrics to give a through understanding of the procurement process

- **Amazon, India Machine Learning (IML) Team** — Bengaluru, India
  Applied Scientist Intern — *Fall 2018*

  o Developed a model to provide weight recommendations, saving millions in shipping charges
  o Achieved a test set variance of about 200 grams on Amazon's 1000 best selling products.

- **Panasonic Automotive, Advanced Engineering Group** — Atlanta, GA
  Deep Learning Software Intern — *Summer 2018*

  o Engineered a real time driver monitoring system to prevent accidents
  o 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 — *Summer 2016*

  o 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 — March – May 2018
- Emotion Recognition using Speech — Feb – April 2018
- Chest X-Ray Disease Diagnosis — March – April 2018
  o https://www.youtube.com/watch?v=tPka_wppwUE
- Reconstructing Images using Dictionary Learning — October – Dec 2017
  o https://arxiv.org/abs/1801.09135