

# Akshit Meghawat

[LinkedIn](#) [GitHub](#)

Email : meghawat.akshit@gmail.com

Mobile : +1-919-884-1072

## EDUCATION

---

- **North Carolina State University** Raleigh, NC  
*Master of Computer Science, Data Science track; GPA: 3.67* Aug. 2017 – anticipated May. 2019
- **Vellore Institute of Technology** Vellore, India  
*Bachelor of Technology in Information Technology; GPA: 8.54/10.0* Jul. 2011 – May 2015

## PROJECTS

---

- **Spatial and Temporal Data Mining** Jan 2018 - Present
  - Implementing **Convolutional Neural Network** on high-resolution satellite images to estimate economic indicators of nations. Extending research done by <http://sustain.stanford.edu/predicting-poverty>
- **Kaggle Titanic: Machine Learning from disaster** May 2017 - Jun 2017
  - Implemented ML techniques (**Logistic Regression, SVM, Random Forest Classifier**) to determine the likelihood of survival of passengers. (scikit-learn)
  - Plotted bar graphs of *survived* attribute (target class) with respect to other variables to select features with highest predicting power. (pandas, matplotlib). [link](#)
- **Operations Research** Jul 2014 - Sep 2014
  - Implemented **PERT-CPM** for project management enabling prediction of risk factors and critical path requirements for software product goals. (C++)

## EXPERIENCE

---

- **McKinsey & Company** Bangalore, India  
*Junior Digital Analyst* Jan 2015 - April 2017
  - Developed **data-driven analysis & visualization** tools for **10+ clients/companies** from wide range of industries (insurance, pharmaceutical, shipping, government etc.). (AngularJS, Node.js, Highcharts.js)
  - Built an event/initiative tracking software for organizations to systematize data collection and management. It helped in prioritization of resource allocation, scheduling and cost control. Also helped in measuring KPIs for impact assessment and future planning. The software is used by **5+ government organizations** and **10+ NGOs in Africa**.
  - Handled unstructured data in partnership proposals for a shipping company for better route design and delivery.
  - Streamlined the recruitment process for a Cruise Line Agency. Created an interface which enabled recruiters to compare and review multiple applicants skills with minimal effort. Reduced recruitment process cycle from **2 weeks to 4 days**.
  - Developed an end-to-end solution for an insurance firm to auto-consolidate data from various international data sources (OECD, World Bank etc.) and provide macro-level analysis.
- **Trusted Shares & Investment Ltd** Mumbai, India  
*Software Developer Intern* Jun 2013 - Jul 2013
  - Developed a suite of software programs in C++ to simulate and optimize the **Turtle Trading model** by **Richard Dennis** enabling statistical and heuristic analysis of large amounts of financial data.

## SKILLS

---

- **Languages:** python (numpy, pandas, scikit-learn, matplotlib), R, Matlab, C++, C, JavaScript, HTML, CSS, SQL
- **Frameworks and Tools:** AngularJS, Node.js, React-Redux, npm, Highcharts.js, Git

## CERTIFICATIONS

---

- Machine Learning by **Andrew Ng** (Stanford University), Coursera, (November 2015). [link](#)
- **R Programming** by John Hopkins University, Coursera (August 2016). [link](#)

## RELEVANT COURSEWORK

---

- Spatial and Temporal Data Mining, Data Driven Decision Making, Probability and Statistics, Linear Algebra, Operations Research, Artificial Intelligence, Data Structures and Algorithms, Object Oriented Programming in C++