JEH LOKHANDE

470-338-9963 | jeh@gatech.edu | Atlanta, GA | linkedin.com/in/jehlokhande/ | github.com/jehlokhande93

SUMMARY

MS Analytics candidate with 2.5 years of experience across Business Analytics and Data Science – worked as a team leader as well as an individual contributor. Seeking full time position in data science starting January 2019.

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA   **Dec 2018**
Master of Science in Analytics – focus on Computational Data Science   **GPA – 4.0**
- **Graduate Teaching Assistant, Python for Analytics**
- **Courses:** Machine Learning, Deep Learning, Analytics Modeling, Regression, Python, Data Visual Analytics, Time Series

BITS-Pilani, INDIA   **Jun 2015**
Bachelor of Engineering in Electrical and Electronics   **GPA – 8.46/10**

SKILLS

Programming: Python, SQL, R, HIVE, Scala, PySpark, Javascript, MATLAB
Tools: AWS, Tableau, PowerBI, Alteryx, Excel
Data Science: Machine Learning, Deep Learning, Optimization, NLP; In progress: Computer Vision, Reinforcement Learning

EXPERIENCE

Cox Communications   **Atlanta, US**
Data Scientist Intern – Analytics Center of Excellence   **May 2018 – Dec 2018**
- Developed a prediction model for Cox Customer Care to improve on-call decisioning by predicting the **next best decision Improved call resolution rate by 20%** and **reduced average call time by 2 minutes**; Estimated to save $5 million/year
- Developing an object detection model using transfer learning (Faster RCNN) on pytorch to identify internet fiber connection defects in images; Implemented framework to train on Amazon Web Services and run using a mobile device camera

Thorogood Associates   **Bengaluru, India**
Analytics Consultant, Global Forecasting Team   **Aug 2015 – Jun 2017**
Thorogood is a boutique analytics consulting firm for Fortune 500 companies
- Led a team of 3 analysts, and collaborated with teams from Unilever in the US and UK
- Generated savings of **$2 million/yr** by optimizing material wastage in manufacturing plants, through linear programming
- Automated BI system file loads and reduced process time by **90%** using advanced SQL
- Built interactive dashboards using Tableau and Excel VBA, tracking KPIs in real time, to pro-actively flag issues

DATA SCIENCE PROJECTS

Delay prediction for Amazon delivery in the US – for Amazon FEDS team
- **Runner up - Master Modeler, Georgia-Tech & Amazon:** Built a gradient boosted tree to predict delays for Amazon shipments
- Used imbalanced learning and oversampling to account for sparsity in delays (3% of data). Precision: 80%, Recall: 75%

Fake News Identification using Machine Learning with NLP
- Extracted features using text mining concepts such as Word2Vec, tf-idf along with hand-crafted features
- Developed an artificial neural network in Keras (Tensorflow backend) with 90% accuracy to classify an article as fake or real

Analyzing Healthcare experience for patients in the US – for SPH Analytics, Atlanta
- Developed an ML model on **Medicare survey** data to predict health plan satisfaction**.** Combination of rule based, and ML model had an accuracy of 75%

Coupon Recommendation System for customers about to churn – DunnHumby
- Developed a model to identify customer churn using logistic regression; Accuracy: 0.7, Recall: 0.8
- Cosine similarity-based recommendation system to identify promotions for such customers: Test Accuracy: 0.65%

LEADERSHIP

INFORMS Analytics Conference 2018, Early Career Professionals Network Fellow; Poster Presenter
Represented India at the **World Business Dialogue 2015** in Koln, Germany
Chief Coordinator, University Techno-Managerial Festival - Led a team of 150 students to organize a $50,000 event