Aditya Kadam

• 17 Boulevard Terrace, Boston, MA • adi6496@bu.edu • +1(857)-272-1040 • www.linkedin.com/in/adityakadam64
• www.github.com/adi6496

Objective

Seeking full time opportunity in Data Science domain starting Jan 2020.

Eguication

Master of Science (Computer Information Systems), CGPA - 3.6/4 **Boston University, MA, USA** **Expected: Dec'19**
Relevant Courses: Learning from deta (Machine Learning), Cloud Computing, Web Analytics and Mining, Data Mining, Data Analytics and Visualization, Database Management and Design, Data Science with Python, Advanced Data Structures and Algorithms (Coursera), Applied AI with Deep Learning, Big Data Analytics, Advanced Database Management Systems
Bachelor of Engineering (Electronics) **K. J. Somaiya College of Engineering, Mumbai, India** **Aug'13 to May'17**

Technical Skills

- **Languages**: Python, Golang, R, Matlab, SQL, Java, C!
- **Tools:** Eclipse, Amazon AWS, Taiga, WEKA, Tableau, Apache Jmeter, NumPy
- **Frameworks worked upon**: Apache Spark, Hadoop, Scikit-Learn, Kafka, TensorFlow, Pytorch, Keras

Proffessional Experience

Data Science Intern, PartRunner , Boston, USA **Sept'19 to present**
- Implementing a model to predict delay in truck delivery services based on live traffic data from GoogleMaps Direction Matrix API and historical traffic and weather data
- Improving efficiency of sales and operations with a better forecast models and implementing an Uber like pricing model
- Technologies Used: Pandas, Numpy, Google API, Matplotlib, Scikit-Learn

Graduate Teaching Assistant, Boston University, Boston, USA **Jan'19 to Sept'19**
Data Analytics and Visualization
- Automated the correction of online assignments using R and distributing it as a R package
- Implemented online review system for students to analyze their performance based on difficulty of the questions and provide them with an insightful report on class performance and statistics for every question

Systems Engineering Intern, Infosys Pvt Ltd, Mysore, India **Oct'17 to Feb'18**
SAP and S/4HANA stream
- Spearheaded a trainee project to create a python based Hangman game with an interactive UI using agile approach and maintained a large database of game users
- Integrated and optimized billing and revenue for Infosys dining hall using SAP S/4HANA
- Technologies used: Python, SAP, SAP S/4HANA, SQL, MongoDB, Tableau

Course Projects

Exploring AWS spot instances within Kubernetes clusters **Jan'19 to May'19**
Boston University – Cloud Computing (mentored by professionals from RedHat)
- Designed a controller in Golang which constantly looks to spin up more economical spot instances inside of a Kubernetes cluster to reduce the cost of computing (by 40%) while maintaining the SLA (99 % uptime)
- Integrated a re-scheduler and a spot-interrupt-handler to distribute the load gracefully and deployed a metrics scraping operator to monitor the cluster and application
- Technologies: Kubernetes, AWS SDK, GoLang, AWS EC2, Container, Docker, OpenShift, Apache Jmeter, Prometheus

Sentiment Analysis on Movie Reviews (Rotten Tomatoes) **Jan'19 to May'19**
Boston University – Learning from Data
- Implemented a hybrid of CNN and BLSTM recurrent neural network to predict sentiment of a movie review
- Model leverages user profiling, emotion, and sentiment features for sarcasm detection
- Technologies: Matlab, Pytorch, Tensorflow, Keras, Python, Scikit-Learn, Matplotlib

Music of Recommendation System (Million Song Dataset) **July'19 to Aug'19**
Boston University – Data Science with Python
- Imported the large data with AWS EMR using Pyspark to create a distributed computing pipeline and performed data transformations using Mapreduce
- Implemented a combination of user based collaborative filtering and item based collaborative filtering using co-occurrence, SVD matrix and Matrix Factorization
- Technologies: Pyspark,MapReduce, Matplotlib, Scikit-Learn, Pandas