

Moonis Javed

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EDUCATION

- University at Buffalo** Buffalo, NY
Master of Science in Computer Science; GPA: 3.67 Aug. 2016 – Present
- Jamia Millia Islamia** New Delhi, India
Bachelor of Technology in Computer Science; GPA: 8.35/10.0 Jul. 2011 – May. 2015

PROGRAMMING SKILLS

Skills	Adept	Working Knowledge
Languages	Python, Java	C, C++, R, Matlab
Operating Systems	Linux, OSX, Redhat, CentOS	Windows
Cloud And Others	AWS, Google Cloud, Spark	Hadoop
Databases	MySQL, MongoDB, SQLite	ElasticSearch

EXPERIENCE

- Graduate Assistant** Buffalo, NY
University at Buffalo Information Security Office Jan 2017 - Present
 - Network Monitor and Visualization:** Working on building a centralized monitoring and visualization tool to monitor university network flow. (**ElasticSearch, Kibana and Logstash**)
 - Malicious Activity Detection:** Creating a machine learning to detect malicious activity on the network. (**Python, Bro, Ntopng, Machine Learning**)
- Software Engineer** Bangalore, India
Tracxn Mar 2016 - May 2016
 - Domain Crawling Architecture:** Created Independent architecture to discover startups from the newly registered/deleted/expired domains, (**Java, MongoDB, Web Crawling, NLP**)
 - Social Media Data Mining Architecture:** Created Data Mining Models to crawl and aggregate startup information from multiple online social media platforms. (**Java, MongoDB, MySQL, Apache Kafka**)
 - Query Optimization:** Optimized database using aggregations queries to large data efficiently. (**MongoDB**)
- Decision Scientist** Noida, India
Innovaccer Jul 2015 - Feb 2016
 - Retail Analytics:** Created retail analytics dashboards to measure ecommerce performance as a measure of their customers tweets. (**Python, Twitter API, Facebook API, MongoDB, NLP, Machine Learning**)
- Google Summer of Code Student Developer** New Delhi, India
CERN Apr 2014 - Oct 2014
 - SixDeskDB:** Worked on creating a library to store and manage massive Sixtrack Simulations using a centralized and localized database approach. (**Python, MySQL, SQLite, Sixtrack**)

PUBLICATIONS

- "A Novel Method for Seizure Detection in Intracranial Eeg Recordings"**: IEEE CICC 2015
- "Classification of Web Pages as Evergreen Or Ephemeral Based on Content"**: IEEE CICC 2015

PROJECTS

- Question Answering System:** QA system based on tweet data. Used NLP to extract entity relations which are mainly used. (**Python, Javascript, NLP, Apache Solr, Twitter API, Flask**)
- Football Analytics:** Analytics on football players using their tweets. (**Python, NLP, MongoDB, Twitter API, AngularJS, D3JS, Flask**)
- OCR for Hindi Language:** Developed an OCR for hindi language using Neural Network. (**Python, Neural Network, Scikit**)
- Simple DynamoDB based Android Messenger:** Simple Android Messenger based on DynamoDB principle with fault tolerance and crash recovery, (**Java, Android, SQLite, Sockets**)
- Recurrent Convolution Neural Network:** Created a recurrent convolutional neural network for classification of tweet data. (**Python, Neural Network, Machine Learning, Scikit**)
- Data Analytics on R:** Performed simple data analytics for better learning and understanding. (**R, Jupyter**)