Moonis Javed

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EDUCATION

UNIVERSITY AT BUFFALO
Ms in Computer Science
Expected Dec 2017 | Buffalo, NY
Cum. GPA: 3.67

JAMIA MILLIA ISLAMIA
BTech in Computer Engineering
Graduated May 2015 | New Delhi, India
Cum. GPA: 8.35

LINKS

Github:// **monisjaved**
LinkedIn:// **moonisjaved**
IEEE Xplore:// **Moonis Javed**
Google+:// **+MonisJaved**

COURSEWORK

GRADUATE
Algorithms Analysis and Design
Computer Security
Information Retrieval
Robotics Algorithms
Distributed Systems
Machine Learning
Data Intensive Computing
Operating System
Data Mining and Bioinformatics

UNDERGRADUATE
Data Mining
Distributed Systems
Computer Architecture
Database Systems

SKILLS

PROGRAMMING
• C • C++ • JAVA
• Python • R

QUERY LANGUAGE AND OTHERS
• SQL • Amazon AWS
• Google Cloud Engine • Latex
• Hadoop • Spark • SQLite

VERSION CONTROLLING SYSTEM
• Git • GitLab • GitHub

OPERATING SYSTEMS
• Ubuntu • Mac OSX • Windows
• CentOS • RedHat

EXPERIENCE

UNIVERSITY AT BUFFALO INFORMATION SECURITY OFFICE
Graduate Student Assistant
Jan 2017 = Present | Buffalo, NY | Python, ElasticSearch, Kibana, Logstash
- Network flow visualization and anomaly detection using Machine Learning Models.

TRACXN TECHNOLOGIES PVT. LTD. | Software Engineer
March 2016 – May 2016 | Bangalore, India | Java, Javascript, MongoDB, MySQL, Kafka, AWS
- Created independent crawling system to keep track of new domains being registered, deleted and updated. Fetched approx. 1 Million new domains in a matter of minutes.

INNOVACCER ANALYTICS PVT. LTD. | Decision Scientist
July 2015 – Feb 2016 | Noida, India | Python, JAVA, MongoDB, AWS, Javascript
- Used Data Mining along with Natural Language Processing & Machine Learning Algorithms to create decision based systems for clients.

CERN
Google Summer of Code 2014 Software Developer Intern
May 2014 – Sep 2014 | Python, MongoDB, MySQL, Shell
- Developed a SixDesk library in Python to manage SixTrack [Massive 6d] Simulations using local client database (SQLite) and a centralized database (MySQL) replacing the existing shared filesystem mechanism (OpenAFS)

PROJECTS

- **QUESTION ANSWERING SYSTEM BASED ON TWITTER DATA** (Python, Apache Solr, Javascript, JQuery, AJAX, HTML, CSS)
  Developed a Question Answering System based on Twitter Data. Used natural language processing to extract relations which are used to answer questions. http://www.aneeshbhatnagar.com/n-quire/

- **CLASSIFYING EPHEMERAL VS. LONG LASTING CONTENT ON THE WEB** (Python, Machine Learning, Numpy, Scipy)
  Applied techniques of Machine Learning [random forest, logistic regression, SVM, etc.] to build a classifier that is best capable of predicting how users would label the websites as evergreen or ephemeral.

- **SEIZURE DETECTION USING INTRACRANIAL EEG RECORDINGS** (Python, Fourier Transform, Random Forest)
  Applied random forest on a combination of frequency, time correlations on the fourier transforms of Intracranial EEG Recordings to develop a seizure detection model.

- **ANALYTICS ON FOOTBALL LEAGUES USING PLAYER TWEETS** (Python, d3.js, angular.js, mongodb, API Design)
  Developed a web dashboard to visualize various analytics using d3 and angular. The data used was fetched from twitter for various players using Python and stored and processed in mongodb for aggregation. The site is live and can be checked at http://ec2-35-162-247-114.us-west-2.compute.amazonaws.com/football/