Moonis Javed

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EDUCATION

UNIVERSITY AT BUFFALO
Ms in Computer Science
Expected Dec 2017 | Buffalo, NY
Cum. GPA: 3.5

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

UNDERGRADUATE
Data Mining
Distributed Systems
Soft Computing Techniques
Computer Architecture
Database Systems
Computer Networks
Computer Graphics

SKILLS

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

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

VERSION CONTROLLING SYSTEM
• Git

OPERATING SYSTEMS
• Ubuntu • Max 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 to build a classifier that is best capable of predicting how users would label the websites as evergreen or ephemeral.

• **MOVIEPIE, WEB APPLICATION** (PHP using TMDB and Facebook API)
Developed a Facebook Web Application that allowed user to rate and comment on Movies and share with friends at KRDS 24-Hour Hackathon

• **OPTICAL CHARACTER RECOGNITION FOR HINDI LANGUAGE USING NEURAL NETWORK** (Python, PyBrain)
Developed an Optical Character Recognition for Hindi language using back-propagation neural network

• **GROUP MESSENGER WITH TOTAL AND FIFO ORDERING FAULT TOLERANCE GUARANTEES** (Android, Socket Programming)