

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.

INNOVACER 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/>