

# 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

### QUERY LANGUAGE AND OTHERS

• SQL • Amazon AWS

• Google Cloud Engine • Latex

### VERSION CONTROLLING SYSTEM

• Git

### OPERATING SYSTEMS

• Ubuntu • Mac OSX • Windows

• CentOS

## 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, HTML, CSS, 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, HBASE, AWS, Javascript, HTML, CSS

- 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 Simulations using local client database (SQLite) and a centralized database (MySQL) replacing the existing mechanism which uses shared filesystem (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 as a graduate course requirement for Information Retrieval. Used natural language processing to extract relations which are used to answer questions. The site is live and can be checked at <http://www.aneeshbhatnagar.com/n-quire/>

- **CLASSIFYING EPHEMERAL VS. LONG LASTING CONTENT ON THE WEB (PYTHON)**

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)**

Developed an Optical Character Recognition for Hindi language using back-propagation neural network