Moonis Javed

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EDUCATION

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

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

KALKA PUBLIC SCHOOL
Grad. May 2011| New Delhi, India

LINKS

Github:// **monisjaved**
LinkedIn:// **moonisjaved**
IEEE Xplore:// **Moonis Javed**
Google+:// **+MonisJaved**
Twitter:// **@monis0050**

COURSEWORK

GRADUATE
Algorithms Analysis and Design
Computer Security
Information Retrieval
Robotics Algorithms

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 • Max OSX • Windows
• CentOS

EXPERIENCE

TRACXN TECHNOLOGIES PVT. LTD. | Software Engineer
March 2016 – May 2016 | Bangalore, India | Java, Javascript, MongoDB, MySQL, Kafka, AWS
- Created Data Mining Models to crawl and aggregate startups information from multiple online platforms.
- Optimized Mongo and Mysql queries to handle large queries efficiently
- Created independent crawling system to keep track of new domains being reigstered, deleted and updated.

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

CERN
Google Summer of Code 2014Software 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

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

- **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

- **TWITTER CRAWLER** (Python, Solr, MongoDB)
  Constructed a Twitter Crawler to crawl tweets for specified keywords/hashtags using both Search and Stream API. The tweets would be stored in MongoDB and processed to be indexed in Solr.

PUBLICATIONS

2015	IEEE CICN	Classification Of Webpages As Ephemeral Or Evergreen Based On Content
2015	IEEE CICN	A Novel Method For Seizure Detection In Intracranial EEG Recordings
2015	HPCAC-ISC	Won the Highest Linpack Category setting world record of 10.78 TFlops under 3kW power limit