Top Skills

Data Science

Machine Learning

Deep Learning

Certifications

Structuring Machine Learning
Projects

Improving Deep Neural Networks:
Hyperparameter tuning,
Regularization and Optimization

Convolutional Neural Networks

Neural Networks and Deep Learning

Data science & Machine Learning
Training

Honors-Awards

Employee of the Month June 2018

Saad Ali

Masters in Data Science

Islamabad

Summary

Having 3+ years of experience in a professional environment;
working on projects ranging from Data-Governance platforms
(Blockchain) to Data-Driven platforms (Data science & Machine
Learning). A team player, flexible/agile in my role as Data Scientist,
working independently or as a part of a Team. Recently completed
Master's in Data Science from FAST – NUCES, Islamabad campus;
with research in on-demand generation of synthetic images for
alleviating the problem of class-imbalance present in biomedical
dataset.

Experience

Intelligent Knowledge Mining and Analytics Lab, NUCES-FAST
Data Scientist/Research Assitant
April 2021 - Present (9 months)
Islamabad, Islāmābād, Pakistan

Currently employed under the capacity of a Team Lead for providing state-
of-the-art solutions to streamline the automation of e-recruitment processes
via Machine Learning, with special focus on candidate-to-job Ranking
methodologies.
Projects & Accomplishments:
+ Supervised the R&D of a novel candidate-to-job Ranking algorithm (paper in
progress)
+ Currently, working on overcoming recruiter biases in candidate selection
process and salary negotiation via contemporary algorithms in Machine
learning and Game Theory.

Tools & Technologies: NLP, Decision Support Systems, Data Enrichment,
Data Wrangling, Python, C++, Ontologies, NoSQL, Game Theory

MTBC
3 years 2 months

Lead Blockchain

September 2018 - July 2019 (11 months)
Islamabad, Islāmābād, Pakistan

Served in the supervisory capacity to build and manage a robust & fault-tolerant architecture for an interoperability among EHRs using Blockchain Technology.

Projects & Accomplishments:
+Laid the Ground-work which flourished into a Team
+Development of Blockchain for interoperability among EHRs
+Supervised the initiative to build a robust and fault-tolerant architecture for Blockchain using kubernetes
+Blockchain demonstration HIMSS Conference 2019
Tools utilized: Golang, Hyperledger { Fabric, Composer, Explorer} , Apache Kafka, NodeJS, Swagger with NodeJS, Docker containerization, Kubernetes, MongoDB, Shell scripting , and Linux OS

Technology Analyst
June 2016 - August 2018 (2 years 3 months)
Pakistan

Worked as a catalyst to speed-up adoption for new technologies and frameworks by providing a working P.O.C with essential training, which would further be analyzed & deployed, in-order to provide a holistic view.

Projects & Accomplishments:
+Development of Allisons' (Virtual Assistant) intent recognition and integration with TalkEHR.
+Training and Deployment of Auto-Insurance card classification using InceptionNet
+Chatbot using Rasa core.
+Worked as a technology catalyst in TalkEHR
Tools utilized: Python, Flask, Machine Learning techniques, Deep Learning Techniques, MS SQL Server, REST APIs, Angular 2, Linux OS.

HiQu Systems
Intern Database Developer
June 2015 - September 2015 (4 months)
Islamabad, Islāmābād, Pakistan

Worked on day-to-day issues regarding stored procedures and reporting.

Tools utilized: MS SQL Server, Crystal Reports

Education

National University of Computer and Emerging Sciences
Master's degree, Data Science · (2018 - 2020)

National University of Computer and Emerging Sciences
Bachelor's degree, Computer Science