

SIRAJ MUNIR

To work with an organization/ individual having tremendous opportunities for learning and implementing dynamic technologies.

EXPERIENCE

OCTOBER 2020 – PRESENT

LECTURER, MOHAMMAD ALI JINNAH UNIVERISTY

Taught AI and Programming Courses.

JANUARY 2020 – JUNE 2021

LECTURER, PAF-KARACHI INSTITUTE OF ECONOMICS AND TECHNOLOGY

Taught AI and Programming Courses.

NOVEMBER 2018 – JUNE 2019

RESEARCH ASSITANT, MOHAMMAD ALI JINNAH UNIVERSITY

Working on Machine Learning, IoT, Knowledge Graph, Data Science.

AUGUST 2018 – SEPTEMBER 2018

DATA SCIENTIST, TECHNOMET

Working on cognitive technologies to inspire world.

OCTOBER 2017 – JULY 2018

VISITING LECTURER, SMART COLLEGE & ORASOFT

Deliver lectures on computer science.

NOVEMBER 2017 – JANUARY 2018

WEB DEVELOPER, EVOKIE

Development of core product i-docz using PHP, MySQL, Wordpress.

OCTOBER 2016 – OCTOBER 2017

SOFTWARE ENGINEER, HUBSTAFF

Development of modules and work on day to day tasks. Technical stack included Java, PHP, Python, SAS, R, MySQL.

JUNE 2015 – AUGUST 2015

WEB DEVELOPER, BCI NEW MEDIA

Worked on Drupal CMS, HTML and CSS.

EDUCATION

DECEMBER 2019

MASTERS IN COMPUTER SCIENCE (MCS), MOHAMMAD ALI JINNAH UNIVERSITY

Graduated with 3.33 CGPA. Specialization Data Science.

SEPTEMBER 2016

BACHELORS OF SCIENCE IN COMPUTER SCIENCE (BCS), INDUS UNIVERSITY

Under-graduated with 3.35 CGPA.

JULY 2012

INTERMEDIATE, GOVT. DEGREE BOYS COLLEGE GULZAR-E-HIJRI

JULY 2009

MATRICULATION, NATIONAL HIGH SCHOOL

SKILLS

- C-language
- Java (Intermediate)
- DBMS (SQL, MySQL, NoSQL, Graph)
- Networking
- Network security (AAA Authentication)
- Android Mobile Application Development (Java)
- Web development (PHP5, HTML, SEO, CSS, Javascript, Bootstrap, Laravel)
- Wordpress
- Microcontroller (AVR, Arduino, RaspberryPi)
- Technical Evangelist
- Data Scientist (Machine Learning, NLP, IE, Statistical analysis, semantic web and Deep Learning)
- MATLAB
- Computer Graphics (3D MAX)
- MS-office (Excel, Access, PowerPoint, word)
- Teamwork
- Technical writing
- Drupal (CMS)
- Git and github
- Sendy
- Amazon SES
- MongoDB
- Neo4j (intermediate)
- Python (OOP, Core, Flask)
- SAS
- R programming language

ACTIVITIES

- More than 5 year of teaching experience at primary and secondary levels.
- Got Arduino Micro Controller Certification form NED University.
- Nodes2020 participation. Delivered a talk on Software Agent.
- Participated in Data Science hackathon 2019 and scored in top 5 teams.
- Delivered successful workshop on GraphDB (Neo4j).
- Acquired several online certifications.
- Actively learning new technologies specially Microsoft Azure platform, Amazon, Machine learning (deep learning), Multi Agent Systems, Knowledge Graphs, Artificial General Intelligence and Big data.

PROJECTS

- www.i-docz.com
- Android Application (Image Filtering Application)
- www.affordstores.com
- www.vtuitions.com
- www.yousufmedia.com
- Statistical analysis on diabetes data using R language.
- Statistical analysis on financial model using R.
- Sequence to sequence model for Urdu poetry text.
- EEG data analysis using K-means, Genetic algorithm using MATLAB.
- www.delmurweb.com
- Time series Analysis (ARIMA, SARIMA, LSTM).
- Topic modelling for Urdu text (Gensim, NLTK).
- Multi-lingual Chatbot (Wit.ai, Python, Flask).
- Travelling Chatbot (Uber Api, Google Api, Python, Flask).
- Profession predictor (Flask, SKlearn, python).
- Knowledge Graph Integrated Q/A software agent.
- Speech to text (Keras).

PUBLICATIONS

- Research trends from surveillance through sousveillance, IJACSA.
- A Temporal Knowledge Graph based Dataset for profiling, IJCSNS.
- Knowledge Graph Based Semantic Modelling of Profiling in Industry 4.0 published in IJITS Journal.
- Towards the Modelling of Veillance Based Citizen Profiling Using Knowledge Graphs, published in OCS Journal.
- A Comparison of Topic Modeling approaches for Urdu Text, Indian Journal of Science and Technology (IJST) Journal.
- Current Trends in Cloud computing (IJST) Journal.
- An Integrated Approach: Using Knowledge Graph and Social Network Analysis for Harnessing Digital Advertisement in Academic Domain. Submitted in Multimedia Applications (Under-Review)
- A Profiling Framework Using Knowledge Graph (Under-Review)
- Decentralized Approach: resolution Towards Digital Identity (Under-Review).