MARIA KANWAL

Data Scientist and Research Associate

PERSONAL PROFILE

Data scientist, data analyst and research associate with proven ability to plan, implement, and manage projects. Competent team leader. Reputation for being extremely organized and successful in spearheading project and motivating team cooperation. Junior Data Scientist adept at collecting, analyzing, and interpreting datasets, data modeling and data visualization, developing new forecasting models, and performing data management tasks .Possessing an extensive analytical skills, strong attention to detail, and a significant ability to work in team environments.

PROFESSIONAL SKILLS

- AI and machine learning
- Data Visualization and Data analysis
- Python (Pandas, Numpy, Matplotlib)
- Sckit-learn
- MySQL/Oracle
- Tableu
- Power BI
- Microsoft SQL Server (SSMS)
- C/C++
- Excel, Power point, Access, word
- Latex

CONTACT DETAILS

Marina Diamond 1, Dubai, UAE.

Cell: +971-524138457

mariaasad005@gmail.com
mkanwal.msit16seecs@seecs.edu.pk

EXPERIENCE:

RESEARCH ASSOCIATE

HPC LAB: National university of science and technology
August 2018 - October 2019
- Data Visualization, Data Analysis, Machine learning
- Information retrieval
- Lab Tasks

RESEARCH ASSOCIATE

CRIMSON LAB: National University of Science and Technology (NUST) Islamabad.
August 2017 - 2018

- Data Analysis and computation
- Simulation Projects
- Mini Projects documentation and Report writing

LECTURER OF COMUTER SCIENCE (DATABASE/MYSQL)
Superior University GT. Road Islamabad.
March 2015 - March 2016

- MYSQL/Microsoft SQL Server management studio

INTERNSHIP
Summit Bank
Aug 2013-Oct 2013

ACADEMIC BACKGROUND:

MASTERS OF SCIENCE IN INFORMATION TECHNOLOGY (SEP 2016-OCT 2019)

National University of Science and Technology (NUST) Islamabad Pakistan.
Grade A

BACHELORS OF SCIENCE IN COMPUTER SCIENCE (AUG 2010-JULY 2014)
Fatima Jinnah Women University (FJWU) Rawalpindi Pakistan.
Grade A

HIGHER SECONDARY SCHOOL CERTIFICATE
Askaria College Girls Wing Rawalpindi Pakistan.
Grade A

SECONDARY SCHOOL CERTIFICATE
F.G Quaid-e-Azam Public School Rawalpindi Pakistan.
Grade A

PUBLICATIONS:

SUSTAINABLE VEHICLE ASSISTED EDGE COMPUTING FOR BIG DATA MIGRATION IN SMART CITIES

Published in IEEE internet of things journal J. 7(3): 1857-1871 (March, 2020). (h5-index: 93) (Scopus SNIP: 4.11)

MARIA KANWAL

Data Scientist and Research Asociate

LANGUAGE KNOWN

- English
- Urdu
- Potohari

HOBBIES

- Reading
- Music
- Travelling
- Poetry
- Photography

PERSONAL SKILLS

- Critical thinking
- Ability to learn
- Presentations skills
- Highly organize
- Good writing skills
- Enthusiasm and Optimisim

SECURE AUTHENTICATION THROUGH CUSTOMIZED X.509 CERTIFICATE IN CLOUD COMPUTING

Published in international journal of soft computing and engineering (IJSCE) in March 2014.

PROJECTS:

DATA ON WHEELS: A MACHINE LEARNING FRAMEWORK FOR BULK DATA TRANSFER

Simulating vehicles using anylogic.
Machine learning for predicting vehicle destination

COVID-19 ANALYSIS IN POWER BI

SALES ANALYSIS USING POWER BI

TAXI DESTINATION PREDICTION USING ARTIFICAL NEURAL NETWORK

HR ANALYTIC TABLEU DASH BOARD PROJEECT

REAL ESTATE PRICE PREDICTION USING MACHINE LEARNING

AIR FLIGHT SCHEDULING SYSTEM USING MYSQL

HOTEL MANAGEMENT SYSTEM USING MYSQL

HOSPITAL MANAGEMENT SYSTEM USING MYSQL

IMPLEMENTATION OF MULTI-LAYER SECURITY USING ASYMMETRIC CRYPTOGRAPHY UNDER CLOUD INFRASTRUCTURE

Domain Controller, Public key infrastructure (PKI), VPN

CERTIFICATION AND AWARDS:

AWARDED BY LAPTOP SHAHBAZ SHAREEF LAPTOP SCHEME

FINANCIAL AWARD OF PUBLICATIONS FROM SEECS

CHALLANGE IN THE IMPLEMENTATION OF COMPETITION LAWS

Organized by society for enforcement of rule of law (SERL)

IMPACT OF HIGHER EDUCATION ON THE SOCIAL ADJUSTMENT OF WOMEN IN ISLAMIC PERSPECTIVE IN PAKISTAN

Organized by Fatima Jinnah women university (FJWU).