AVAIS JAN

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EDUCATION _____

2021 - Present Georgia State University, **PhD (Computer Science)**
　　　　　　　　　Advisor: **Dr. Murray Patterson**
　　　　　　　　　CGPA: 3.83/4.0

2015 - 2019 COMSATS University Islamabad, MS.
　　　　　　　Major: Software Engineering
　　　　　　　CGPA: 3.52/4.0

2008 - 2013 International Islamic University Islamabad, BS. Major: Software
　　　　　　　　　　　　Engineering

2006 - 2008 Islamia College Peshawar, ICS.
　　　　　Major: Computer Science

EMPLOYMENT _____

January 2024 – **Teaching Assistant | Georgia State University**
April 2024

October 2020 - **Graduate Assistant**, Teradata Islamabad
June 2021

September 2016 - **Graduate Teaching Assistant/Assistant Instructor**, COMSATS May 2019
University Islamabad

September 2013 - **Lecturer**, Atlantic College Mandani, Charsadda August
2015

May 2012 - **Junior Software Engineer**, Hack on Tech, Islamabad July 2013

HONORS AND AWARDS _____

2015 **Scholarship for MS Program**
        Awarded by National Testing Service (NTS)

2014 **Outstanding Teaching Award**
        Awarded by Atlantic College Mandani, Charsadda

CERTIFICATES _____

2020 **Data Science & Machine Learning**
        Awarded by Dice Analytics Islamabad

2020 **Data Warehousing & Data Analysis**
        Awarded by Dice Analytics Islamabad

2020 **Python 101 for Data Science**
        Awarded by IBM

2020 **Data Analysis with Python**
        Awarded by IBM

2020 **Vintage Certified Associate** Advanced SQL Engine
        Awarded by Teradata Islamabad

2021 **DataDNA Ecosystem Simplification**
        Awarded by Teradata Islamabad

Skills _____

Programing languages
- Python
- Java
- C++
- R
- SQL
- MATLAB
- JavaScript

Data Analysis & Visualization

- Excel
- Tableau
- Power BI
- Matplotlib(Python)
- Seaborn(Python)

Machine Learning & AI

- TensorFow
- Keras
- Pytorch
- Scikit-learn
- Natural Language processing(NLP)
- Computer Vision
- Deep Learning

Databases

- MySQL
- Oracle

Software Development Tools

- Git/GitHub
- Docker
- Jenkins
- Visual studio Code
- Eclipse

Web Development

- HTML/CSS

Research skills

- Literature Review
- Experimental Design
- Data Collection

- Statistical Analysis
- Hypothesis Testing
- Academic Writing

Administrative & Soft Skills

- Communication
- Organizational Skills
- Multitasking
- Customer Service
- Problem-Solving
- Time Management
- Team Collaboration
- Attention to Detail

Project Management

- Agile Methodology
- Project Scheduling
- Resourece Management
- Risk Management

Tools & Technologies

- LaTeX
- Microsoft Office Suite(Word, Ecel, PowerPoint)
- Slack

Additional Skills

- Public Speaking
- Teaching/Mentoring
- Networking
- Technical Support
- Data Privacy and Security

PUBLICATIONS _____

Akbar, S., Li, R., Waqas, M. and **Jan, A**., 2022. Server temperature prediction using deep neural networks to assist thermal-aware scheduling. Sustainable Computing: Informatics and Systems, 36, p.100809.

Ullah, R., Javaid, N., Iqbal, Z., Ahmad, I., **Jan**, **A**., & Jadoon, YK (2018, July). CRRP analysis of cloud computing in smart grid. In Conference on Complex, *Intelligent, and Software Intensive Systems (pp. 64-74). Springer, Cham.*

Naseem, A., Anwar, M., Ahmed, S., **Jan**, **A**., & Malik, AK (2017, December). Reusing stanf ord pos tagger for tagging urdu sentences. *In 2017 13th International Conference on Emerging Technologies (ICET) (pp. 1-6). IEEE.*

Jan, A., Abbas, A. and Ahmad, N., 2022. Monitoring and controlling software project scope using agile EVM. Evolving Software Processes: Trends and Future Directions, pp.89-121.