RUBA MOHMAND

COMPUTER SCIENTIST

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Passionate software engineer with over 1 year of experience as a machine learning engineer, seeking a position at a reputable computer company. Skilled in Python and TensorFlow, with a focus on developing cutting-edge AI solutions using deep learning and transfer learning techniques. Committed to contributing fresh ideas, enhancing skills, and driving innovative projects in a supportive workplace.

AREA OF EXPERTISE

- Machine Learning & AI
- Deep Learning
- Data Processing & Analysis
- Programming & Development
- Web Development
- Software Testing

PROJECTS

- Depression Assessment in Roman Urdu using Machine Learning.
- Detection of Bacterial Colonies with Deep Learning.

PROFESSIONAL EXPERIENCE

Reviewer, IEEE Access   **July 2024 - Present**

- Conducted peer reviews of submitted manuscripts to ensure the quality and relevance of research.
- Provided feedback to enhance the clarity, originality, and impact of authors' work.
- Assessed the methodological rigor and contribution to the field of each submission.

Machine Learning Engineer, Vaival Technologies   **Jan 2023 - May 2024**

- Developed machine learning solutions for finance and healthcare using transfer learning and deep learning models like BERT, TextCNN, and LSTM.
- Increased model accuracy by 20% through optimized feature engineering, hyperparameter tuning, and model selection.
- Created datasets by scraping data from social media sites.

Full Stack Web Developer, Labnetics Pakistan   **Aug 2021 - Dec 2022**

- Optimized the lab's web application to efficiently display test information and relevant YouTube videos.
- Developed and maintained backend systems for web applications using Python.
- Enhanced performance and scalability of web applications.

EDUCATION

MS Computer Science, FAST University   **2022 - 2024**

- Completed MSCS at FAST University, Islamabad, with a GPA of 3.7.
- Engaged in coursework including Advanced Algorithms, Machine Learning, Digital Image Processing, and Advanced QA.
- Committed to mastering critical concepts in computer science.

BS Computer Science, Bahria University   **2018 - 2022**

- Graduated with distinction as a Silver Medalist (GPA: 3.74) for outstanding academic performance.
- Completed rigorous coursework in AI, Database Management Systems, OOP, Computer Networks, and Software Engineering.

SKILLS

- Data Science
- Python Programming
- Neural Networks
- Algorithm Design
- Model Building
- Data Visualization
- Data Scraping
- HTML
- CSS
- JavaScript
- SQL
- Wordpress
- Leadership
- Strategic Planning
- Project Management
- Technical Expertise
- Problem Solving
- Strong Communication