Muhammad Abdul Rehman Shah

Software Engineer

As a recent graduate with a background in Artificial Intelligence, I am passionate about leveraging Deep Learning, Computer Vision, Python, and OpenCV to solve complex problems. I have built a strong foundation in data analysis and image processing techniques through coursework and hands-on projects.

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EDUCATION

M. Sc. Artificial Intelligence
Brandenburgische Technische Universität Cottbus-Senftenberg

04/2023 - Present   *Cottbus, Germany*

B.Sc. Computer Science
National University of Computer and Emerging Sciences, Islamabad

08/2018 - 07/2022   *Islamabad, Pakistan*

PROJECTS

Classification of Pests in Crops from Images using Deep Learning (08/2021 - 07/2022)
- Research & Development Final Year Project
- Training CNN classifier for pests images on the IP102 dataset (102 classes, ~75000 images)
- Embedding trained model in TFLite format in an iOS mobile app for real-time classification
- Tools and Technologies: Python, Kaggle, Deep Learning, Image Classification, Data Modeling, Data Visualization, Pandas, TensorFlow, Matplotlib

Flight Reservation System
- Worked in the group as Database Developer and Project Manager
- Tools and Technologies: Relational Database, Oracle SQL, Schemas

WORK EXPERIENCE

Intern
Pakistan Telecommunication Company Ltd(PTCL)

07/2021 - 08/2021   *Islamabad, Pakistan*

Achievements/Tasks
- Worked in the database development team to enhance database skills.
- Attended workshops on "Art of Data Science" and "Career Readiness Program".
- Enhanced and learned skills like teamwork, the functioning of a largescale corporate organization, and the accomplishment of assigned goals in a given time.

SKILLS

Python   C/C++   HTML
ORACLE   Database   Scrum
Data Science   UI/UX
White Box Testing   Trello
NLP   MySQL   Microsoft Office

VOLUNTEER WORK

Student Parliament(StuPa), Brandenburgische Technische Universität(BTU) Cottbus (06/2023 - Present)
Elected Member

CERTIFICATES AND ACHIEVEMENTS

Foundations: Data, Data, Everywhere (10/2022 - 11/2022)
Data Visualization · Data Analysis · Data Cleaning · Spreadsheets · SQL

LANGUAGES

German
Limited Working Proficiency

English
Full Professional Proficiency

INTERESTS

Automobiles   Travelling

Photography