

Rana Toheed Ullah Khan

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Highly motivated Computer Science student with a strong foundation in programming languages (Java, Kotlin, Python) and a passion for data analysis. Experienced in vulnerability assessment and penetration testing, machine learning model development, and data visualization using tools like power Bi and Tableau. Eager to contribute to a dynamic team and leverage skills to develop innovative solutions

EXPERIENCE

CODESOFT

DATASCIENCE INTERN (4 Weeks)

10/03/2024 – 10/04/2024

- Using machine learning and other data mining techniques to get insights from massive datasets
- Experience in analyzing data and creating reports with Business Intelligence tools

CRICFLEX

MACHINE LEARNING INTERN (4 weeks)

01/08/2023 – 01/09/2023

- Utilized Python and machine learning libraries (Tensor Flow) to design and implement algorithms for image processing and analysis.
- Developed, trained, and optimized deep learning models for computer vision tasks.
- Gained valuable experience in applying machine learning techniques to real-world problems

Pakistan Telecommunication Company Limited (PTCL) Headquarters

CYBER SECURITY INTERN (6 Weeks)

01/08/2022 – 15/09/2022

- Conducted vulnerability assessments and penetration tests using tools like Burp Suite to identify and mitigate security risks.
- Effectively communicated security findings and recommendations to technical and nontechnical audiences.
- Demonstrated strong collaboration skills by working effectively with cross-functional teams.

EDUCATION

HITEC UNIVERSITY, ISLAMABAD 2024

BACHELORS OF COMPUTER SCIENCE

Majors:

- Programming Languages (Java, Python, Kotlin, Django)
- Database Management Systems

- Data Structures & Algorithms
- Software Engineering
- Mobile Application Development

TECHNICAL SKILLS

- Programming Languages: Java, Kotlin, Python
 - python Libraries: PyTorch, Pandas, NumPy, Scikit-learn
 - Data Visualization: Tableau, Microsoft Power BI
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ANALYTICAL SKILLS

- Data Cleaning and Preparation
- Data Visualization
- Machine Learning
- Technical Analysis
- Critical Thinking

CERTIFICATION

- What is Data Science by IBM from Coursera
Verify link: <https://coursera.org/verify/Z8APT86J9FCS>
 - Team Organizer in ROBO FIESTA
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PROJECTS

Application Development:

- **TRAX** (CAR POOLING APPLICATION)

Web Development:

- **BETON** (CONSTRUCTION WEBSITE)

Data Cleaning in Python Pandas:

- highest career batting averages in cricket