

Zulqarnain Haider

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EDUCATION

FAST NATIONAL UNIVERSITY

BACHELOR OF SCIENCE IN
COMPUTER SCIENCE

July 2023 | Islamabad, Pakistan

UNIVERSITY OF WASHINGTON

SPECIALIZED IN MACHINE LEARNING

November 2023 | Coursera

COURSEWORK

UNDERGRADUATE

Advanced Machine Learning
Data Structures and Algorithms
Parallel, Distributed Computing
Compilers + Practicum
Cloud Computing
Database Management Systems
Software Analysis and Design
Computer Networks
Machine Learning
Artificial Intelligence

COURSERA

Python Fundamentals
Advanced Python Programming
Custom Models, Layers with TensorFlow
Custom Training with TensorFlow
Advance Software Testing

SKILLS

PROGRAMMING

• Python • RUST • Javascript

DATABASE

• MongoDB • MySQL • PostgreSQL

FRAMEWORKS

• TensorFlow • PyTorch • Pyspark • NLTK
• spaCy • Transformers

ML MODELS

• BERT, • GPT, • LSTM • RNN

HOBBIES

- Open Source Contributions
- Blogging or Technical Writing
- Contributions to Online Communities

AWARDS

- Gold Medallist in BS(CS) 2019
- Volunteer Star Redi School

EXPERIENCE

FAST-NATIONAL UNIVERSITY | RESEARCH ASSISTANT

November 2023 – Present | H-11, FAST (NUCES), Islamabad

- Implemented state-of-the-art NLP and ML algorithms for Knowledge Graph.
- Managed the collection and preprocessing of large datasets, ensuring high-quality inputs for training and testing machine learning models.
- Successfully integrated AWS cloud services into the research infrastructure, optimizing scalability and performance.
- Proactively engaged in brainstorming sessions, addressing challenges and proposing innovative solutions to enhance project outcomes.

FIXFIRST | JUNIOR TESTER

July 2023 – November 2023 | H-12, NSTP, NUST

- Collaborated closely with the QA team to develop comprehensive test plans and executed detailed test cases, contributing to the identification and resolution of software issues.
- Played a key role in designing and implementing automated testing scripts using Junit, improving testing efficiency and accuracy.
- Conducted root cause analysis and actively participated in troubleshooting software issues, demonstrating analytical and problem-solving skills.

REDI SCHOOL OF DIGITAL INTEGRATION | PYTHON TEACHER

March 2022 – November 2022 | 10961 Berlin, Germany (Remote)

- Delivered engaging and interactive lessons on the fundamentals of Python programming, fostering a dynamic learning environment.
- Recognized by peers for creating an inclusive and supportive learning environment, accommodating diverse learning styles.
- Actively participated in curriculum development and improvement, incorporating best practices in teaching to enhance the overall learning experience.

JAZZ TELECOM | MACHINE LEARNING INTERN

July 2022 – September 2022 | EFU House, Lahore

- Conducted thorough data cleaning and preprocessing on large datasets, ensuring the quality and reliability of input data.
- Collaborated with the team to develop predictive models using Python and scikit-learn, contributing to data-driven decision-making processes.
- Analyzed customer behavior data to identify patterns, providing valuable insights for marketing and business strategy.
- Assisted in the development of interactive dashboards in Tableau for real-time analysis, enhancing data visualization and reporting capabilities.

PROFESSIONAL CERTIFICATES

12/2022	Coursera	Google IT Automation with Python
09/2022	GitKraken	Git Certified by GitKraken
11/2021	Geekle	React Global Summit