Huzeifa Asif

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EDUCATION

Bahria University – Lahore, Pakistan   *January 2021 - Feb 2025*
Bachelor of Science, Computer Science

SKILLS

Programming Languages and Frameworks: Python| SQL| C++ | React Native (Basic) | Django (Basics)

Data Science and Machine Learning Tools: Pandas | NumPy | TensorFlow | PyTorch | OpenCV | Regression Analysis | Classification | Clustering

Development Tools: Pandas Git| Linux| Jupyter Notebook| Visual Studio Code

Data Manipulation and Visualization: Excel | Power BI (Basic)

PROJECTS

EyeQ: Quiz Difficulty Analysis Using Eye Tracking — (Bahria University Lahore, Pakistan) **Final year Project**   *Dec 2025*

- **Developed EyeQ,** a cross-platform mobile application using eye-tracking technology to assess quiz difficulty in real-time, successfully tested with   20+ students at Bahria University.
- **Engineered complete system architecture** using Python/React Native frontend, integrating TensorFlow/PyTorch for eye movement analysis and Firebase for data management.
- **Delivered significant educational impact** by enabling real-time assessment adjustments, validated through successful implementation in undergraduate courses with documented improvement in student comprehension.

Python Desktop Application for Streamlined Excel Data Processing — **ZAHRH ESTHER HARDWARE TRADING LLC in Sharjah** *December 2022*

- **Developed a Python-based desktop application** to automate the management and analysis of Excel data for financial transactions, significantly enhancing productivity for my father, the chief accountant.
- **Implemented with PyQt5,** creating a user-friendly interface that allows for efficient uploading, processing, and downloading of detailed financial summaries.
- **Streamlined financial reporting processes,** reducing manual data entry requirements and improving the accuracy of monthly financial analysis.

HONORS & AWARDS

Bahria University Lahore Campus — **Badminton Team Captain**   *January 2023*

- Led the university badminton team as captain, organizing team practices and matches, and fostering teamwork and strategic thinking, leading to significant victories in intercollegiate competitions.

Bahria University Lahore Campus — **Sports Achievements**

- Gold Medal, Single Badminton   *2024*
- Gold Medal, Double Badminton   *2024*
- Silver Medal, Double Badminton   *2022*

CERTIFICATIONS

GDSC (Google Developer Student Clubs, Bahria University Lahore Campus) — **GDSC Core Team Member**   *January 2023 - Feb 2024*

- Actively participated as a core member of the AI team, collaborating on projects that integrate artificial intelligence with student-led innovations, enhancing practical tech skills and contributing to the academic community.