Waseemullah Zahid

ID: 1320251246891   **Work permit:** Pakistani   **Nationality:** Pakistani   **Date of birth:** 04/11/2004

Place of birth: Battagarm, Pakistan   **Gender:** Male   ⌂**Phone number:** (+92) 03078932652

✉ **Email address:** zwaseem298@gmail.com

📍 **Home:** Danda batley, P/O hotel P/o hotel, 13202 Battagarm (Pakistan)

WORK EXPERIENCE

🏢 *FAST NUCES Islamabad Campus* – Islamabad, Pakistan

City: Islamabad | **Country:** Pakistan

Natural Language Processing

[01/06/2025 – 01/08/2025]

Assisted in the design, development, and evaluation of **NLP models** (text classification, sentiment analysis, entity recognition).
Worked on **Computer Vision tasks** such as image preprocessing, feature extraction, and deep learning model training.
Conducted **data collection, cleaning, and annotation** to prepare high-quality datasets for experiments.
Implemented and tested **machine learning and deep learning algorithms** using Python frameworks (TensorFlow, PyTorch, scikit-learn).
Performed **literature review and research** on state-of-the-art NLP and CV techniques to support ongoing projects.
Collaborated with senior researchers to **analyze results, fine-tune models**, and optimize performance.
Documented research findings, code, and results for reporting and future reference.
Contributed to **team discussions and brainstorming sessions** to explore innovative AI applications.

🏢 *FAST NUCES Islamabad Campus* – Islamabad, Pakistan

City: Islamabad | **Country:** Pakistan

University assistant

[01/01/2023 – 01/02/2024]

Conduct advanced research in **Natural Language Processing (NLP)** and **Computer Vision (CV)**, focusing on deep learning and transformer-based architectures.
Design, implement, and optimize **machine learning models** for tasks such as text understanding, information retrieval, image recognition, and multimodal analysis.
Manage **large-scale datasets**: data preprocessing, augmentation, labeling, and ensuring data quality for experiments.
Perform **experiments, model evaluation, and hyperparameter tuning** to achieve state-of-the-art performance.
Collaborate with faculty, senior researchers, and cross-functional teams on **research publications, projects, and grant proposals**.
Contribute to **academic writing**: preparing research papers, technical reports, and documentation for conferences/journals.
Stay updated with the latest advancements in **AI, NLP, and CV** by reviewing scientific literature and proposing innovative approaches.
Provide guidance and technical assistance to **junior researchers or interns** in implementing AI models.

🏢 *Mentorness* – Islamabad, Pakistan

City: Islamabad | **Country:** Pakistan

Data analyst

[01/03/2023 – 01/04/2023]

Collected, cleaned, and processed structured and unstructured datasets to ensure accuracy and consistency.

Performed **exploratory data analysis (EDA)** using Python (Pandas, NumPy, Matplotlib, Seaborn) to identify patterns, trends, and insights.
Assisted in building **data visualization dashboards** (Power BI / Tableau / Matplotlib) for reporting and decision-making.
Supported the development of **predictive models** and applied statistical techniques to solve business problems.
Conducted **data quality checks and anomaly detection** to improve reliability of analytical results.
Collaborated with mentors and team members on **real-world case studies and projects** to apply analytical concepts.

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s):

English

LISTENING C1 **READING** C1 **WRITING** C1
SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

natural language processing / computer vision / principles of artificial intelligence

EDUCATION AND TRAINING

Bachelor in computer science
FAST NUCES Islamabad Campus [22/08/2022 – Current]

City: Islamabad | **Country:** Pakistan | **Website:** www.nu.edu.pk | **Level in EQF:** EQF level 4

PROJECTS

[05/04/2023 – Current]
ComparePro
A smart platform that helps users quickly compare products, features, and prices so they can make better buying decisions without endless research.

[04/02/2025 – 07/05/2025]
IntakeAI
An AI-powered intake tool with a chatbot that collects client info, extracts requirements, and generates structured outputs like reports or Jira tasks to save hours of manual work.

[02/02/2024 – Current]
VoiceraAI
An AI teacher assistant that listens, translates, explains, and answers questions in any language or voice, helping students learn at their own pace while supporting teachers.

[01/06/2024 – Current]
JobPortalAI
An AI-powered job matching platform that connects candidates with the right opportunities by analyzing resumes, skills, and preferences, while helping employers find the best talent faster.

PUBLICATIONS

[2024]
Research Paper
This research introduces NG-EnVACK, a novel framework for detecting concept drift in cloud data streams. By combining ensemble variational auto-encoders with contextual networks under a non-Gaussian assumption, the model improves accuracy in identifying subtle and dynamic distribution shifts. The proposed method is tested on real-time cloud datasets, showing higher adaptability and robustness compared to traditional drift detection techniques.

SOCIAL AND POLITICAL ACTIVITIES

[01/01/2024 – 01/01/2025] Islamabad
Event Head
Organized and led multiple technical and non-technical events, managed teams, coordinated with external partners, and ensured smooth execution of society activities to engage students in computing and innovation.

[01/01/2024 – 02/01/2025] Islamabad
Usher
Assisted in event management by guiding participants, coordinating with organizers, and ensuring smooth flow of activities during the job fair.

VOLUNTEERING

[12/04/2023 – Current] islamabad
Finance Officer
Managed budgeting, expense tracking, and financial planning to support society events and activities.