Muhammad Abdullah

+923400100643 | i210643@nu.edu.pk | LinkedIn | Github

EDUCATION

FAST National University of Computer and Emerging Sciences   Islamabad, Pakistan
Bachelor of Science in Computer Science   *September. 2021 -*
Benchmark School System   Islamabad, Pakistan
A levels and O levels   *Aug. 2017 – June 2021*

EXPERIENCE

Allure Digital – Bahria Town Phase IV, Islamabad   July 2024 – Sep. 2024
Web Development Intern
- WordPress websites frontend development.
- Use of Elementor for site maintenance.
- Bricks Builder for designing new websites using Adobe XD.
- Understanding of Framer tools.

Elixir Technologies – Gulberg Greens, Islamabad   June 2023 – Aug. 2023
Data Engineer and Machine Learning Intern
- I worked on **OpenAI Playground** gaining an insight to its functionalities and how it works.
- Object Annotation and Model Training using greyscale images in python.
- The use of **OpenAPIs** on the project of C#.
- Microsoft PowerPoint slides using C# and APIs.

RapiDev NSTP – NUST H12, Islamabad   Jan. 2023 – March 2023
Data Engineer Intern   *Islamabad, Pakistan*
- Script of python to gather images using **OpenCV** for capturing different frames of a specific video.
- Gathered dataset of nearly 4GB for model training.
- Learned the basics of model training on the software **RoboFlow**.
- Script for gathering new images according to the given specifications using **BeautifulSoap4** library.
- Model training of **YOLO v7** by gathering 50,000 images according to the required specifications

PROJECTS

Timetable Scheduling | *Python (Pandas, Numpy, OpenCV)*   *April* 2024
- Generating timetable using chromosomes and genetic algorithm
- The concept of crossover, selection, and mutation
- Fitness of the timetable according to the constraints using pandas.

TA Management System | C#, .NET (Razor Page), SQL Server   *November 2023*

- Front end Development using .NET (Razor Pages) in HTML/CSS/JavaScript.
- Back end development using C# and .NET Core.
- Overall management system for students, assistants, and students for effective communication.
- Separate portal for grading of tasks.

Cafeteria Management System | IntelliJ, Eclipse, Papyrus, JavaFX, MySQL   *November 2023*
Game Development (Data Structures) | C++, BST and AVL tress with graphs   *April 2022*

TECHNICAL SKILLS

Languages: C++/C, C# (.NET, Razor Page, Entity Framework), Python, SQL, MYSQL, Java, JavaScript, HTML/CSS, WordPress
Libraries: Pandas, NumPy, OpenCV2, BeautifulSoup4, Random, Matplotlib, JavaFX