# Haseebullah Amanat

## Associate Data Scientist

+92-322-4814481 | haseebullah.amanat@gmail.com

linkedin.com/in/haseebullah-amanat-767b1719b | github.com/Haseebullah9012

## EDUCATION

**Bahria University**  Lahore, PK
*Bachelor of Science in Information Technology*  *March 2021 – Present*
CGPA: 3.67

**KIPS College**  Lahore, PK
*Intermediate, Secondary Education*  *April 2017 – April 2019*

## CERTIFICATIONS

**IBM Coursera**
*Data Science Professional Course*  *Nov 2023 – Present*

**Andrew Ng DeepLearning.AI**
*Machine Learning Specialization*  *March 2024 – Present*

## EXPERIENCE

**Graphic Design Internee**  Dec. 2022 – Jan. 2023
*Set2Skills*  *Johar Town, Lahore*
- Designed social media posts, banners, and brochures, using Adobe-Photoshop.
- Performed hands-on practice on different tools of Adobe-Photoshop, and gained intermediate-level expertise.
- Explored ways to use creativity and team collaboration.

**Mobile Game Developer Internee**  July. 2023 – Sep. 2023
*Gioco Lab*  *Wapda Town, Lahore*
- Learned about game theory, game mechanics, and worked full-fledged on the development from game-idea to game-production.
- Develop several Games on Unity 3d, encompassing all aspects of Development, from Logic, Programming, Asset Management, Level-management, Economy Management, Scene Management, etc
- Worked on Unity Lighting, Particles, Shaders, Physics, and other advanced Scripting Objects.

## PROJECTS

**Personality Predictor App** | *Python, Scikit-Learn, NLP, Psychology*  March 2024 – Present
- Research and Literature Review on several Personality Frameworks and Approaches, like MBTI, OCEAN, Enneagram, DISC, and Learning Styles.
- Prioritizes time-Effectiveness on Data Input, with the least amount of Factors as possible (less than 10 factors).
- Provides Personalized Personality Insights, using Visual Representations for the resulted Traits

**Voice Language Prediction** | *Python, Keras TensorFlow, CNN*  April 2024 – May 2024
- Researched a suitable Voice Dataset from Kaggle, including 6 second Clips of English, Urdu, and Arabic.
- Converted Voice Data into Spectrogram Images, using librosy Library
- Developed and Trained a Convolutional Neural Network, with precise fine-tuning
- Achieved greater than 90% Accuracy, Precision, and Recall, but the model is not yet feasible for real-life Scenario

**Sudoku Game Solver** | *C++, Git*  July 2022 – July 2022
- Developed a full working Sudoku game playable on C++ terminal
- Implemented Recursive Algorithms to create and solve Sudoku Puzzles
- The Solver Bot uses Recursion, to perform box filling with trial and error.

## TECHNICAL SKILLS

**Languages**: C++, Python, JavaScript, HTML/CSS, SQL, MongoDB
**Libraries**: Pandas, NumPy, Matplotlib, Scikit-Learn, TensorFlow/Keras
**Developer Tools**: Git/GitHub, VS Code, Jupyter Notebook, Colab, Kaggle, MS Office, Azure
**Expertise**: Algorithmic-Logic, Programming, Mathematics, Literature Review, Web Scrapping