

**Balaj Hussain**  
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## EDUCATION

### **Islamia University of Bahawalpur (IUB)**

- Candidate pursuing a Bachelor's degree in Computer Sciences
- Relevant Coursework: Data Structure and Algorithms, Database Management System, Web Development, Artificial Intelligence, Machine Learning, Mobile App Development, Cloud Computing

### **Unity public school and colleges**

- Candidate cleared his intermediate in pre engineering department.
- Relevant Coursework: Physics, Chemistry, Maths

## PROJECTS

### **Project Title: Contact Diary System**

**IUB**  
2023

- Developed a Contact Diary System using visual programming tools.
- Implemented user-friendly interfaces for adding, updating, and deleting contacts.
- Implemented features such as Search functionality, categorization and Filtering.
- Utilized using C-sharp language and MySQL to create an interactive and visually appealing application
- Technologies C#, MySQL, Windows Forms, Visual Studio Designer.

### **Full-Stack Website Development Project**

**IUB**  
2023

- Developed and deployed a responsive full-stack website.
- Designed visually appealing UI using HTML, CSS, and JavaScript.
- Implemented server-side logic with PHP and utilized MySQL for data management.
- Technologies PHP, HTML, CSS, Bootstrap, JavaScript, MySQL.

### **Unity Game Development Project**

**IUB**  
2023

- Designed and developed an interactive game using Unity and C#.
- I created game mechanics, user interfaces, and logic using the Unity editor.
- Utilized C# for scripting to create dynamic and engaging gameplay collaborated with a team to ensure successful project delivery.
- The game was built using Unity, C# and Visual Studio.

### **Artificial Intelligence for Beginners - A Curriculum**

**Github**  
2023

- Neural Architectures for working with images and text.
- Different approaches to Artificial Intelligence, including the "good old" symbolic approach with Knowledge Representation and reasoning
- Neural Networks and Deep Learning, which are at the core of modern AI. We will illustrate the concepts behind these important topics using code in two of the most popular frameworks - TensorFlow and PyTorch.

### **Deep Learning AI TensorFlow Developer Professional Certificate**

**Coursera**  
2024

- Build natural language processing systems using TensorFlow.
- Handle real-world image data and explore strategies to prevent overfitting, including augmentation and dropout.
- Best practices for TensorFlow, a popular open-source machine learning framework to train a neural network for a computer vision applications.

## SKILLS

**Languages:** Fluent-English and Native-Urdu

**Software:** Unity, Visual Studio, Microsoft Office, MySQL, Slack, Django

**Programming Capabilities:** C#, .Net, SQL, Python, C++

**Non Programming Capabilities:** Wordpress, Canva, Adobe Photoshop, Filmora.