Hamza Farooq

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# Professionals Skills

* **Development Languages** [C#, C++, Python]
* **Designing Tools** [Adobe Photoshop, Autodesk 3ds Max, TinkerCad, Blender]
* **Tools/Technologies** [Unity5, Visual Studio, Android Studio, Xcode11]
* **Databases** [SQL Server, MySQL]

# Internship

# Takhleeq UET [June 2019 – Sep2019] Developed admission system of IB&M department UET in ASP.net

# Education

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| --- | --- | --- | --- |
| **Degree** | **Institution** | **Passing Year** | **Marks** |
| BSc CS | University of Engineering and Technology, Lahore | 2020 | CGPA 3.61 |
| FSc. | Govt. Shalimar College Baghbanpura Lahore (BISE Lahore) | 2015 | 80.00 % |
| Matriculation | Mughal Education Foundation School (BISE Lahore) | 2013 | 88.57 % |

# Final Year Project

# Digital Board Marker: Storage Efficient Lecture Recording System for Class Lectures is a comprehensive, cross-platform lecture recording system that saves storage up to 100 times. It can live stream lecture animations at very low internet speeds and hence dramatically save internet data consumption. It can turn any plane surface into an interactive, ultra-durable touchpad. Tools and Technologies used: C# Winforms, Unity5, AngularJs, Bootstrap, ASP.net Core

# Term Projects

* Smartphone Controlled Surveillance Robot (C#, Unity5, Xcode11)
* Advanced Virtual Reality (C#, Unity5)
* Hidden Object Game, Ants vs Some Bees (Python3)
* Balloon Shooter Game (Assembly Language)

# Side Projects

* Gaaye A Rhi Bhagti Vee, infinite runner smartphone game (Unity5, Blender, Photoshop)
* Scorpio, 3d printed tank robot (Unity 5, Cura3, TinkerCad, Arduino, IoT)