Hamza Farooq

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# Professionals Skills

* **Development Languages** [C#, C++, Python, Embedded C]
* **Designing Tools** [Adobe Photoshop, Adobe After Effects, Autodesk 3ds Max, Cura3, TinkerCad, Blender, FreeCad, Fusion360, Sketchfab]
* **Front-end Technologies** [HTML5, CSS, Angular, JavaScript]
* **Tools/Technologies** [Visual Studio, Unity5, Android Studio, Xcode11]
* **Databases** [SQL Server, MySQL]

# Internship

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

# Vvork Cloud Technologies [July 2018 – August 2018] Worked on frontend development in Adobe Photoshop, HTML5, CSS3, Bootstrap, AngularJS.

# Education

# BS(CS) (Continue) UET Lahore (3.61 CGPA) 2016-2020

# FSc(Pre-Engg) Govt. Shalimar College (A+) 2012-2015

# Matriculation (A+) 2010-2012

# 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

•Advanced Virtual Reality – ICS (C#, Unity5) •Hidden Object Game, Ants vs Some Bees – PF (Python3) •MCQ based test system - OOP (C++) •Spell Checker – DSA (C++) •Buck Boost Converter – CA •8-bit Computer – DLD •Balloon Shooter – COAL (Assembly Language) •Numerical Methods for Differential Equations – NA (Matlab) •Or Sunao – OOAD (C#, WCF) •Handwritten Digit Recognition – AI (Python3) •School Management – DBMS (Asp.net) •Classroom Management – SE (Asp.net) •Personalized Network – CN (Cisco Packet Tracer) •Smartphone Controlled Surveillance Robot - MAD (C#, Unity5)

# Side Projects

•Online Project Management (ASP.net) •Gaaye A Rhi Bhagti Vee, infinite runner smartphone game (Unity5, Blender, Photoshop) •Scorpio, 3d printed tank robot (Cura3, TinkerCad, Fusion360, IoT) •Water Sonic, Ultra-durable water level monitor and manager (Embedded C, Arduino, IoT modules)