

# ARMAGHAN BIN ZAHID

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<https://github.com/ArmaghanBz>

## SKILLS

Programming Languages: C#, Python  
Game Engines: Unity  
Multiplayer Tools: Photon Quantum, Netcode for Game Objects, Mirror  
Other: ECS, DOTS

## EXPERIENCE

### Ajax Studio

Unity Developer

Lahore, Pakistan

March 2024 - Present

- Worked on photon quantum to replicate the game's gameplay on quantum's physics engine. Developed a scalable social mode using photon's networking features.
- Contributed in gameplay ideas and level design

### Magna Software

Unity Developer

Belfast, County Antrim

October 2023 - Feb 2024

- I've worked on a multiplayer game prototype for the World Kickboxing Association.
- I have collaborated with the team for UI improvements of the game.
- Worked on multiplayer functionalities like Matchmaking, Join Room and many more.

### Gioco Lab

Unity Developer

Lahore, Pakistan

February 2023 - November 2023

- I started here as an internee. Learned Unity from scratch.
- I have worked on Hyper-casual games.
- Developed Game Mechanics and Worked on multiple game designs.

## PROJECTS

### Project Boost Unity, C#

<https://armaghan.itch.io/rocket-boost>

This is a sample project made in unity. This project involves core gameplay concepts involving physics bodies and their collision.

### Farming Life Game Unity, C#

<https://play.google.com/store/apps/details?id=com.farmland.farmlifegame&hl=en&gl=US>

This Game is a clear the focus on farming land, farming life simulation, and the cultivation of land. Plant seeds in your fields, harvest crop, nurture your animal farm, and expand your island to rise as a top farmer in this exceptional idle farming game experience.

### Teacher Grade Answer Please Unity, C#

<https://play.google.com/store/apps/details?id=com.hyperwatcher.gradeplease.school.teacher.simulator&hl=en&gl=US>

In this game your task is to find the right their answers to score middle and high grade from the school teacher. Students can be surprisingly clever, and the teacher hands out quiz papers in the computer lab to test their quick understanding, wisdom and guess in determining the accuracy of their answers.

### Drone Strike Army Tanks War 3D Unity, C#

<https://play.google.com/store/apps/details?id=com.hw.militarydrone.drone.war>

Drone Strike Army Tanks War is a realistic drone war game where you command cutting-edge military drone to engage thrilling drone war mission.

### Identification of MCI and Alzheimer Using Deep Learning Python, Tensorflow, Flask

<https://www.kaggle.com/code/armaghanbinzahid/alzheimer-detection>

This is my Final year project of my bachelors degree. This project proposes an innovative method for early Alzheimer's diagnosis using a hybrid model combining MRI scans and Convolutional Neural Networks (CNN). The software processes MRI images, conducts pre-processing, and employs a CNN to identify high-level patterns, achieving a final accuracy of 94%.

## EDUCATION

### Bahria University

BS Computer Science GPA: 3.69

Lahore

January 2020 - January 2024

### Forman Christain College

Intermediate Computer Science

Lahore

September 2017 - June 2019