

# ABDUL HADI

## COMPUTER SCIENCE UNDERGRAD

csekmc1909@gmail.com | +91 9935299147 | <https://github.com/Abdul-KMC>  
<https://www.linkedin.com/in/abdul-hadi-716b01208/> | <https://leetcode.com/Abdul57/>

## EDUCATION & CERTIFICATION

### Khwaja Moinuddin Chishti Language University

Lucknow, Uttar Pradesh

- Bachelors of Technology - Computer Science and Engineering
- CGPA - 9.0/10.0

July 2019 - June 2023

### Coding in Colors

Canada

Full Stack Development Bootcamp

Sept 2023 - Present

## WORK EXPERIENCE / INTERNSHIP

**Software Engineer** | Websultanate Software Technology - Lucknow, India May 2023 - Aug 2023

### Unity Developer | Game Developer

Crafted **high-level architectural designs** for games and translated these concepts into reality using **Unity and C#**. The implementation of these ideas has significantly improved the **aesthetic** appeal and **graphics** of the games, contributing to the acquisition of new clients for the company.

**Research Intern** | Thompson River University - Kamloops, BC, CA May 2022 - October 2022

### Mitacs Globalink Research Internship | Swarm Intelligence Algorithms

I conduct research to identify gaps in existing literature and refine flawed **Metaheuristic Algorithms**. This process involves restructuring the algorithms to enhance their performance metrics, ultimately leading to the development of a new Metaheuristic Algorithm. This novel algorithm is optimized for resource consumption and demonstrates a remarkable performance, outperforming **50** previously existing optimized algorithms by a **factor of five**.

## PROJECTS

### Quantum Blitz | (Unity Multiplayer)

July 2023 - Present

<https://github.com/Abdul-KMC/Pneumonia-Detector>

Game HLD : <https://www.canva.com/design/DAFnFB15HbU/PYz4w9tX6aSgGS8oN5qJag/edit>

Used Unity 2022.3.21f to create a FPS game, AI (NavMesh) to generate AI enemies with the animation, health system using UI, Photon PUN to create multiplayer networking system.

### Pneumonia Detector | (Machine Learning)

Mar 2022 - June 2022

<https://github.com/Abdul-KMC/Pneumonia-Detector>

Created deep learning model that can differentiate between Pneumonia infected and normal chest X-Ray, with accuracy of **89%**. Updated the model with **ResNets** to improve accuracy to **96%**.

## COURSEWORK

Data Structures and Algorithm  
Object Oriented Programming  
Operating System  
Database Management System  
Computer Networks

## TECHNICAL SKILL

Unity	MATLAB
C#	SQL
Core Java	JavaScript
HTML	ReactJs
CSS	NodeJs