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ABOUT ME

I am a student and a machine learning enthusiast. I have 2+ years of experience in game development using UnityEngine. I also have 2+ years of experience in research on machine learning. I am also interested in backend development. I am a quick learner who loves problem solving.

SKILLS

- Proficient in Python, C#, C++
- Proficient in HTML, MySQL
- Proficient in Git
- Proficient in Latex
- Proficient in Python Libraries: Pandas, Keras, Numpy etc
- OOP & Functional Programming
- Game Development (Unity Engine)
- Machine Learning and Deep Learning
- Good understanding of data structure & algorithms
- Web Development
- Competitive programming: [Codeforces](#) (371)
- Familiar with Java, PHP, C, JavaScript, CSS, Bootstrap, Django, Android Studio

EXPERIENCE

Research Experience

Working on Artificial Intelligence

- Bangla handwritten character recognition using CNN
- Augmented reality with machine learning
- Covid-19 detection from chest X-ray using android application
- Age and gender prediction using CNN. Published on [IEEE Xplore](#)

Arcade Studios

Intern Software Engineer

Nov 2019 - July 2020

Arcade Studios

Junior Software Engineer (Part-time)

July 2020 - October 2021

- Worked as a game developer using Unity Engine
- Worked on Integration of Machine Learning into Game development

EDUCATION

Chittagong University of Engineering and Technology Bachelor of Science in Computer Science and Engineering

2017-Present

- Current CGPA: 3.46 (Up untill Level 3 Term II)
- Working on Machine learning for undergraduate thesis

Govt. Ananda Mohan College, Mymensingh H.S.C

2014-2016

- GPA : 5.00

Mymensingh Zilla School, Mymensingh S.S.C

2006-2014

- GPA : 5.00

PROJECTS

Learn to Write

Android application to teach handwriting to kids

- Using Unity3D, C#, Python and ML Libraries

MediCare

An Andorid app to find doctor, hospital, ambulance with map

- Using Java, PHP, MySQL, Google Map API

Flower Classifier

An Andorid app to classify several types of flowers

- Using Unit3D, C#, Python and ML libraries
- Deployed on Heroku using flask

File Locker

File vault with face recognition

- Using Python and ML Libraries

Machine Learning Algorithms

Pure Python implementation of several ML algorithms. Available in Github

CERTIFICATIONS & TRAINING

- Training on Machine Learning (Organized by CUET Sheikh Kamal IT Incubator)
- Applied Data Science with Python Specialization : [Coursera](#)
- Convolutional Neural Network: [Coursera](#)

AREA OF INTEREST

Data Science | Software Development | Backend Development | Computer Vision

HOBBIES Reading Books | Watching Movies