



# Md. Nahidul Islam Opu

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## SUMMARY

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 - Present

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

## EDUCATION

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

2017-Present

- Current CGPA: 3.5 ( Up untill 5th semester)
- 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

## SOFTWARE PROJECTS

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### **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

### **FilesHere**

A file sharing website

- Using PHP, HTML, CSS, MySQL

### **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

**I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.**