



# Md. Nahidul Islam Opu

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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 - 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

## 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

### 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

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- 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

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Data Science | Software Development | Backend Development | Computer Vision

**HOBBIES** Reading Books | Watching Movies