

Syed Nahin Hossain

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Portfolio: <https://nahin-jzs.github.io/>
GitHub: <https://github.com/NAHIN-JZS>
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Professional Experience

Machine Learning Engineer(Part Time) <i>MazeGeek Technologies BD Ltd.</i>	2020 –2021 <i>Remote</i>
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- Collaborated with a research team, which is focused on Augmented Reality.

Education

Khulna University of Engineering & Technology <i>Computer Science and Engineering CGPA : 3.48 out of 4.00</i>	2018 – Present <i>Khulna, Bangladesh</i>
Govt. M M College <i>Higher Secondary Certificate GPA : 5.00 out of 5.00</i>	2015 – 2018 <i>Jashore, Bangladesh</i>

Major Project & Thesis

Image Colorization using Generative Adversarial Network <i>Technologies: GAN, Image Processing, Tensorflow, Resnet50, VGG16,</i> <ul style="list-style-type: none">• Converting Gray scale image to Color Image• Examine in different color space(RGB,Lab,HSV)• Train on different architecture	2022 - Present
Kill The Man-OpenGL Game <i>Technologies: C++, OpenGL</i> <ul style="list-style-type: none">• Video game made in OpenGL to kill a specific man in a car	2022
Automatic License Plate Recognizer <i>Technologies: Python, Transfer Learning , YOLOv4, Tensorflow model Zoo, OpenCV</i> <ul style="list-style-type: none">• AI system to detect and recognize Bangladeshi License Plate• Save plate number into a CSV file	2021

Research

Automatic License Plate Recognition System for Bangladeshi Vehicles Using Deep Neural Network <i>https://link.springer.com/chapter/10.1007/978-981-16-6636-0_8</i> <ul style="list-style-type: none">• Presented an optimal end-to-end solution for the Automatic License Plate Recognition system• Introduced rich datasets of images of Bangladeshi license plates from major cities of Bangladesh.• Created a custom algorithm to emphasize properly formatted output generation.	2021 - 2022
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Technical Skills

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- **Programming Languages:** Python, C++, C, Java
 - **Database:** MySQL, Oracle
 - **Framework & SDK:** Anaconda, VSCode, Android Studio
 - **Misc:** Tensorflow, OpenCV, PyTorch, git, PHP, OpenGL, LaTeX

Online Course

Advanced Computer Vision with TensorFlow

Coursera

Credential URL : <https://www.coursera.org/account/accomplishments/certificate/WGGARW5V77N2>

Deep Learning Specialization

Coursera

Credential URL : <https://www.coursera.org/account/accomplishments/specialization/certificate/H2WE5NNZJ7FP>

Machine Learning for Everyone TRACK

DataCamp

Credential URL : <https://www.datacamp.com/statement-of-accomplishment/track/96ac459575eeee28999bfeda8d0bfa66a8d189cd>

Introduction to Deep Learning with PyTorch

DataCamp

Credential URL : <https://www.datacamp.com/statement-of-accomplishment/course/5e094dcb24d611ce68e67874d8aa4c7548eadda1>

Databases and SQL for Data Science

Coursera

Credential URL : <https://www.coursera.org/account/accomplishments/certificate/3CZZHX4DVL3>

Awards & Scholarship

Best paper award

International Conference on Big Data, IoT and Machine Learning (BIM)

2021

Board Scholarship for Higher Secondary Certificate Examination (HSC)

Board of Intermediate and Secondary Education, Jashore

2017

Board Scholarship for Secondary School Certificate Examination (SSC)

Board of Intermediate and Secondary Education, Jashore

2015

Board Scholarship for Junior School Certificate Examination (JSC)

Board of Intermediate and Secondary Education, Jashore

2012

Co-Curricular Activity

President

Jashore Association of KUET (JAK)

2022-Current

Organizing Secretary

Hardware Acceleration Club of KUET (HACK)

2022-Current

Petrol Leader

1 no Jashore Zilla School Scout Team, Jashore

2013-2015