

# RAHAD ARMAN NABID

Seeking for the position as AI Engineer at BYSL Global Technology Group

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## WORK EXPERIENCE

Research Engineer (Full time)

Advanced Intelligent Multidisciplinary Systems Lab (AIMS Lab)

March 2021 – Present

Dhaka

- Conduct gov. funded research for building Artificial Intelligence enabled smart reception in Bangla language.
- Publishing qualityful Journals in human robot interaction and machine learning field

Research Assistant(Part time)

Accident Research Institute, BUET

April 2021 – Present

Dhaka

- Conduct research on risk determination in Bangladesh Accident Scenario and creating bridge between transportation and brain computer interference.

Data Analyst

www.kolpobd.com

October 2018 – December 2020

Dhaka

- Team up with hired web developer for building e-commerce site (www.kolpobd.com).
- Data analysis of sells, prediction and profitability of the products.

Signal Processing

Biomedical Engineering

python

Machine Learning

Data Analysis

SQL

NLP

Human Computer Interference

## EDUCATION

BSc. in Electrical and Electronics Engineering (EEE)

Bangladesh University of Engineering and Technology

Mar2016-Jan2021 CGPA:3.25/4 Dhaka

Higher Secondary School Certificate

Notre Dame College

2015

GPA: 5/5 Dhaka

Secondary School Certificate

Bir Shreshta Noor Mohammad Public School and College

2013

GPA: 5/5 Dhaka

## ACADEMIC PROJECTS

Detecting Pneumonia with Multimodal CNN and cheap IOT Device.

- Low cost IOT device can detect the spo2 saturation and take symptom data along with x-ray image in multimodal machine learning model to detect pneumonia.

Visual Light Communication

- Communicate through visible red laser light that Can transmit as 8 bit binary code and transfer it 26 character and 10 numbers to PC.

Bangla Sign Language Detection Using CNN for disable people

- Create connecting between different sing language learners with Bangla sign language.

Hit the Rabbit

- Made of digital Logic Circuit where people can play hit the rabbit game.

CNC Machine

- Assists worker to draw different shapes and symbols.

Automated Attendance System

- Track students attendance with RFID card.
- Process the data to calculate the percentage to inform guardian via SMS.

## ACHIEVEMENTS



Ranking Second Runner Up in BUET EEE Day 2018

BUET EEE day Project Show is hosted by IEEE where student from all over Bangladesh show their respective projects



Talent-pool grade scholarship

Talent-pool grade scholarship in Heigher Secondary School Certificate(HSC) Examination(2015)



Talent-pool grade scholarship

Talent-pool grade scholarship in Junior School Certificate (JSC) Examination (2011)

## SKILLS

Machine Learning

- AI Model Developer, Data Science enthusiasts, Biomedical Researcher,Self-starter, Critical Thinking.

Software

- python, matlab, c, c++. javascript, react, css, html, eagle, atmel,Excel, Microsoft Word, Power Point.

Hardware

- ESP, Arduino, PCB design, atmega.

## PUBLICATION

- IEEE conference paper "Classification of Osteosarcoma Tumor from Histological Image Using Sequential RCNN" in ICECE 2020.
- IEEE conference paper "Disease Symptom Analysis Based Department Selection Using Machine Learning for Medical Treatment" in SCEECS MANIT, Bhopal, India 2020.
- Human Robot Interaction in Bengali language for Health care Automation integrated with Speaker Recognition and Artificial Conversational Agent(review under ICBBDB 2021 )
- AI Reception: An Artificial Intelligence-based Bengali Receptionist System integrating Face, Speech and Interaction recognition to automate reception (review under ICEEE 2021)