



BOKTIAR AHMED BAPPY

DATA SCIENTIST

PROFILE

Data Scientist and lecturer with working experience in Machine Learning, Deep Learning, Microcontrollers and Electronics systems. Hands-on experience on classification, regression, clustering, computer vision, natural language processing and transfer learning models to solve challenging business problems.

ONLINE PROFILE



<https://github.com/entbappy>



<https://www.linkedin.com/in/boktiarahmed73>



<https://www.youtube.com/dswithbappy>

SKILLS

- Python Programming
- Web scraping
- Machine learning
- Deep Learning
- Computer Vision
- Natural Language Processing
- Electronics
- Robotics

Hardware:-

- Microcontroller: ATmega328P
- Arduino
- Sensors

OS:-

- Windows

Tools:-

- Anaconda Navigator
- MLflow
- Google Colaboratory
- VS Code
- pycharm
- scikit learn
- Tensorflow & Keras
- Pytorch
- Flask API
- Git

CURRENT PROJECT

UNMANNED GROUND VEHICLE (UGV) BASED AGRICULTURE SOLUTION USING DEEP COMPUTER VISION TECHNIQUE.

iNeuron | May 5th 2021 - present | Team strength-20

Identifying the Crop diseases using an UGV and notifying the farmer so that he can take necessary steps to prevent the diseases from spreading and damaging the crop. UGV should also predict the weather of that area and notify the farmer as it helps him to reduce excessive irrigation.

WORK EXPERIENCES

Jr. Machine Learning Engineer

Japan-Bangladesh Robotics and Advanced Technology Research Center - JBRATRC | Feb 14th, 2020 - present | Part-time

This organization is working on Robotics and others latest technology such as Artificial Intelligence, Drone, IoT, Machine learning, Security, etc from Japan, Bangladesh. Also, they are providing affordable education on these latest technologies.

Job responsibilities:

- Mentoring and managing projects & ideas
- Data understanding & preparation
- Select & build model
- Instructor & lecturer for Data science & Python

TECHNICAL EDUCATION

Diploma in Electronics Engineering

Jhenaidah Polytechnic Institute | 2017 - present
CGPA : Running

Secondary School Certificate (SSC)

Bheramara Pilot Model High School | 2015- 2017
Group: Science
GPA : 4.50 out of 5.00

LANGUAGE SKILL

- Bangla
- English
- Hindi
- Urdu

PERSONAL DETAIL

- Father's Name : M.A Majid
- Mother's Name : Mst. Shahanaj Parvin
- DOB : 09/Nov/2001
- Sex : Male
- Marital Status : Single
- Religious: Islam
- Nationality : Bangladeshi

HOBBIES AND INTERESTS

- Singing
- Motivational speech
- Playing guiter
- Traveling
- Robots
- Badminton

CONTACT

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DHAKA, BANGLADESH
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PREVIOUS PROJECTS | WORK

SMART IRRIGATION CONTROL SYSTEM FOR OPTIMIZING IRRIGATION DISSIPATION & TIME

Japan-Bangladesh Robotics and Advanced Technology Research Center - JBRATRC | Jul 2021 - present | Team strength-1

An automatic smart irrigation control system for rice crops using Machine Learning technique with hardware integration. It will optimize the dissipation & time of irrigation.

AWARDS & ACHIEVEMENTS

- BASIS National ICT Award- 2020 from Senior Student Category in Bangladesh.
- Innovation Shokasing 2020, got 2nd position at the District level (Innovation name: Smart Agro Robot)
- 41th National Science and Technology Week-2020, got 1st position from senior group at the Upazila level (Innovation name: Smart Agro Robot)
- 40th National Science and Technology Week-2019, got 1st position from senior group at the Division level (Innovation name: Low cost smart home)
- 40th National Science and Technology Week-2019, got 1st position from senior group at the District level (Innovation name: Low cost smart home)
- 40th National Science and Technology Week-2019, got 2nd position from senior group at the Upazila level (Innovation name: Low cost smart home)
- ESSAB Innovation search -2019, got Top-10 in Bangladesh (Innovation name: IoT based fire fighter Robot)
- Udvaboker Khoje Season-2, Channel I TV Show, reached 3rd round in Bangladesh (Innovation name : (Air Quality Monitor & Gas Safety Device))

TRAININGS & WORKSHOPS

- Machine Learning & Deep Learning Masters from iNeuron.ai in Bengaluru, Karnataka 560037, India
- Deep Learning With Computer Vision And Advanced NLP from iNeuron.ai in Bengaluru, Karnataka 560037, India
- Elements of AI from the University of Helsinki
- Attended training Bangladesh Youth Development
- Attended Workshop Cyber Security.