

Ibne Farabi Shihab

Phd Student

Contact

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WWW

<https://github.com/farabi1038>

Skills

Java

Python

Pytorch Framework

Tensorflow framework

R

C++

Project Coordination

Project Organization

Results-oriented Graduate Assistant successful at teaching classes, mentoring students and contributing to research. Methodical professional with analytical approach who is passionate about Machine Learning. A Machine Learning enthusiast with background in independent research using intuitive, web-based architecture. Skilled in classical ML with documented history of discovering methods to intelligently use data to enhance user experience. Effectively researches techniques for novel approaches to problems, develops prototypes to assess viability of approach, and deploys application into production yielding insights to expand customer-consciousness. In addition to that, eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Clear understanding of theoretical concepts and implementation details and training in using popular ML/DL libraries. Motivated to learn, grow and excel in ML/DL industry .

Work History

2020-08 -
Current

Graduate Teaching Assistant

Iowa State University, Ames, Iowa

- Mentored students through office hours and one-on-one communication.
- Documented attendance and completed assignments to maintain full class and student records.
- Oversaw classes of up to 60 students in Computer Science course.

2019-08 -
2020-05

Graduate Teaching Assistant

University Of Vermont, Burlington, VT

- Checked assignments, proctored tests, and provided grades according to university standards.
- Streamed classes online and uploaded videos for later viewing by distance and absent students.
- Mentored students through office hours and one-on-one communication.
- Oversaw classes of up to 40 students in Machine Learning and Deep Learning.
- Prepared lessons according to course outline to convey all required material and deepen student understanding of subject matter.

2018-10 -
2019-02

Artificial Intelligence Trainee

Hyperdyne Co Operation, Dhaka, Dhaka

- Led 3 members team in delivery of image classification project, resulting in 95% increase of accuracy for classifying traffic sign.

Education

2020-08 -
Current

Ph.D.: Computer Science

Iowa State University - Ames, IA

- Continuing education in Deep Learning and Machine Learning
- Member of Bangladesh Student Association of Iowa State University
- Member of Cyclone Cricket Club
- TA for excel and access

2019-08 -
2020-05

Ph.D.: Computer Science

University of Vermont - Burlington, VT

(Transferred to Iowa State University)

- Member of Graduate Student Senate
- TA for Deep Learning and Machine Learning
- Member of Indian Student Association
- Elected to senator for GSS in 2019
- Coursework in Deep Learning, Modeling Complex System, Evolutionary computation, Evolutionary robotics

2014-09 -
2018-08

Bachelor of Science: Computer Science

BRAC University - Bangladesh

- Member of BRAC University Adventure Club
- Member of Cricket BRAC University
- Thesis: A Machine Learning Approach to Suggest Ideal Geographical Location for New Restaurant Establishment
- Elected Captain of BRAC University Cricket Team
- Received Deans Scholarship twice
- Elected to event management director for BRAC University Adventure Club in 2015

Certifications

2020-06	Data Science Nano Degree-Udacity
2020-07	Deep Learning Nano Degree-Udacity
2020-05	Machine Learning Nano Degree-Udacity
2020-08	Reinforcement Learning Nano Degree-udacity