

Md. Sirajul Islam

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EDUCATION

University of Louisiana at Lafayette

Ph.D. in Computer Science

- Advisor: Dr. Li Chen

Aug 2022 – Present

Lafayette, LA, USA

Rajshahi University of Engineering and Technology

Bachelor of Computer Science and Engineering

- CGPA: 3.43/4.00

Mar 2013 – Dec 2017

Rajshahi, Bangladesh

EXPERIENCE

University of Louisiana at Lafayette

Graduate Teaching Assistant

- Grading exam papers and lab reports
- Assisting students to solve their problems
- Proctoring in the examination

Aug 2022 – Present

Lafayette, LA, USA

Dutch-Bangla Bank Limited

Senior Officer (IT)

- Working as a member of the software development team
- Developing and monitoring core banking applications
- Updating features of Mobile banking and Agent banking software

Apr 2019 – Jun 2022

Dhaka, Bangladesh

Wipro Limited

Software Engineer

- Worked as a member of Enterprise Resource Planning team
- Performed operational and development activities in Oracle E-Business Suite Application

Oct 2018 – Mar 2019

Dhaka, Bangladesh

Summit Communications Limited

Assistant Engineer

- Worked as a member of Operations and Maintenance team
- Performed operational and maintenance activities of Fiber optical networking
- Configured different types of networking devices

Jan 2018 – Sep 2018

Dhaka, Bangladesh

ACADEMIC RESEARCH

Heart Disease Prediction from Medical Records

Advisor: Professor Dr. A.H.M Sarowar Sattar

- Introduced a novel approach for predicting heart disease of a patient
- Compared the accuracy of the model with traditional classification techniques
- Implemented the model through an web-based interface

PROJECTS

Skin Cancer image classification | Deep Learning

- Developed deep learning model using Convolutional Neural Networks
- Apply pre-trained Transfer learning models ResNet-18 and VGG-16
- Achieved the best accuracy of 94 percent

Helping Hand | Android

- Developed an android-based mobile application contains region-wise emergency services contact lists
- Anyone can get their desired service instantly by using this application

TECHNICAL SKILLS

Languages: C, C++, Java, Python
Frameworks: NumPy, Pandas, PyTorch, Keras, SciPy
Tools: Linux, Git, LaTeX

RESEARCH INTERESTS

Machine Learning, Deep Learning, Federated Learning