

Md. Jubaer Khan

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Education

Bachelor of Science, Computer Science and Engineering

May 2017 – May 2021

North South University, Dhaka, Bangladesh

- CGPA: 3.59/4.0
- Specialization courses: Machine Learning, Theory of Computation, Pattern Recognition and Neural Network, Mobile and Wireless Application Development

Professional Experience

Intern (Office of Information Technology)

Feb 2021 – Jun 2021

North South University

- Developed a chatbot
- Design workflow for the project
- Build a dataset for training Machine Learning model
- Design architecture for the chatbot
- Develop backend using some machine learning tools
- Apply and test different frameworks from python for better user experience
- Website deployment for a python application
- Debugging the codes

Student Worker (Office of Information Technology support Team)

Aug 2018 - Jan 2021

North South University

- Provide technical support to faculty members, officials and students
- Prepare PCs for Printing and Engineering Labs (OS, Software Installation, IP and domain setup).
- Provide support for different troubleshooting software, print driver management, and hardware of printing and Computer Labs.
- Maintain an information desk for users, IT service forms and keep track of them.
- Paper Cut Server configuration, troubleshooting and maintenance support.
- Provide technical support in different Programming Contests held by University.
- Assist the IT officials for Classroom and other IT services.

Scholarships and Awards

❖ University financial Aid

Jan 2020 - May 2021

Projects and Research

- **Office Management System** **Summer 2017**
A simple office management tool is written in the C programming language designed to organize officials, their assigned projects and quickly track work progress.
- **Student-teacher communication Application.** **Summer 2018**
A helping application for study using java in Eclipse. GUI also used to develop this application
- **Travel Agency System** **Summer 2019**
A web application to help travelers to choose packages and travel agencies offer packages. HTML, CSS, JavaScript and MySQL are used to create this web application.
- **Retinal-Image-Segmentation** **Spring 2020**
The aim of this project is to detect retinal diseases from available retinal datasets(images). A CNN architecture is used to segmenting retinal blood vessels from retinal images. Tensorflow framework is used for this project.
- **Menu Whiz** **Summer 2019**
A cross-platform application that helps users to a restaurant's menu and ordering food can be more straightforward. For developing this application HTML, CSS, Django, java, android studio and NFC are used.
- **Food delivery application design.** **Fall 2020**
I designed a Figma-based UI design for the food delivery application.
- **Data mining from cord dataset** **Present**
I am extracting some relational information using some NLP models. Python and some popular data handling tools are using to mining effective information.

Skills

- Document Creation: Microsoft Office Suite, LaTeX
- Application Development tool: Android studio, Eclipse
- Design tools: CorelDRAW, Figma (Web-based UI/UX design tools)
- Programming Languages: C, C++, Java, Python (NumPy, SciPy, Matplotlib, Pandas, etc.)
- Good knowledge about Git-based code hosting and collaboration tool (GitHub, Bitbucket)
- Basic knowledge of Machine learning and data mining.
- Problem solving and critical reasoning skills
- Knowledge over HTML, CSS and MySQL
- High attention to detail
- Quick learner

References

Shaikh Shawon Arefin Shimon

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