

NISHAT TAAHA

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EDUCATION

KHULNA UNIVERSITY OF ENGINEERING AND TECHNOLOGY

BSc in Electronics and Communication Engineering

Jan 2020 - Present

CGPA: 3.18 (till 7th Semester)

SHAHEED POLICE SMRITY COLLEGE

College (HSC : GPA 5.00)

May 2017 – April 2019

KEY SKILLS

- **Computer Networks:** Cisco Packet Tracer (Network design and topology, device configuration, network protocols, wireless networking, troubleshooting skills, security configurations, simulating real-world scenarios)
- **Web Development:** JavaScript(ES6), JQuery, Flask, API, PHP, CSS, SCSS, HTML, ReactJS(basic), Python GUI : Tkinter
- **Database:** MySQL, Oracle
- **Programming Knowledge:** Python, Javascript, C++, C Programming, PHP, MATLAB, Data Structure and Algorithm, Object Oriented Programming.
- **Machine Learning and Data Science:** Numpy, Pandas, Matplotlib, Seaborn, scikit-learn, Tensorflow(Basic), Keras(Basic), Tableau.
- **Natural Language Processing:** NLTK, spaCy, BERT, GPT
- **Image Processing** (Basic)
- **IDE:** Pycharm, VSCode, Anaconda, Code::Blocks
- **Design and Simulation:** Circuit Design (Proteus), MATLAB Simulink, Antenna Design(CST Software), Digital Electronics

PROJECTS

→ [Grooviex \(Music App\)](#)

PHP/ vanilla javascript/ css/ html

→ [Library Website](#)

Vanilla javascript/ sass/ html

→ [GitHub Profile Finder](#)

Javascript/ Fetch API

→ [Rock-Paper-Scissors Game](#)

Vanilla javascript / css / html

→ [FIR Filter Design](#)

MATLAB

→ [Foodie \(Restaurant Website\)](#)

Javascript/ bootstrap/ css/ html

→ [Restaurant Bill Management System](#)

Python GUI: Tkinter

→ [Snake Game](#)

Python

RESEARCH INTEREST

1. Computer Networks
2. Natural Language Processing (NLP)
3. Machine Learning (ML)
4. Deep Learning (DL)
5. Image Processing
6. Data Science

Current Research Topic

1. DNA Sequence Analysis with Deep Learning and NLP (Thesis work under reviewd in a Springer Nature journal)
2. DNA Cryptography with NLP and Neural Network
3. Crop Disease Detection with Deep Learning Concept
4. DNA cryptography with Deep Learning and Natural Language Processing approach
5. Transfer learning and LSTM based DNA sequence classification

ACHIEVEMENTS

1. Inter Department Indoor Runners Up (Chess)
March-2024
2. 5th position in Science Olympiad.
Bangladesh Academy of Sciences-2018
3. 2nd Position in Rokeya Hall Indoor Tournament (Ludo)
January-2025

CERTIFICATION

1. **May 31,2020:** [Python Data Structure](#)
issued by COURSERA
2. **May 25,2020:** [Programming for Everybody \(Getting Started with Python\)](#)
issued by COURSERA
3. **May 30,2020:** [Introduction To HTML5](#)
issued by COURSERA
4. **May 30,2020:** [Introduction to CSS3](#)
issued by COURSERA
5. **June 9,2020:** [C For Everyone](#)
issued by COURSERA

Profile

1. **LinkedIn:** <https://www.linkedin.com/in/nishat-taaha-0571a2216/>
2. **GitHub:** <https://github.com/NishatTaaha>
3. **CodePen:** <https://codepen.io/Nishat-Taaha?>
4. **Behance:** <https://www.behance.net/nishattaaha2001>
5. **Gmail:** nishattaaha2001@gmail.com