Tawsif Shahriar

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Education

Bangladesh University of Engineering and Technology — March 2018 – May 2023
Bachelor of Science in Computer Science and Engineering — *CGPA - 3.83*

Rajshahi College — July 2015 – April 2017
Higher Secondary School Certificate — *GPA - 5.00*

Govt. Laboratory High School, Rajshahi — January 2007 – February 2015
Secondary School Certificate — *GPA - 5.00*

Experience

Brac University — June 2023 – Present
Lecturer — *Dhaka, Bangladesh*

Courses Taught
- Data Communications
- Computer Networks
- Operating Systems

Publications

- M. A. Siddik et al., "**A novel FRTS/FCTS-based MAC Protocol for In-band Full-duplex Wireless Ad-hoc Networks**," 2023 19th International Conference on Wireless and Mobile Computing, Networking and Communications (WiMob), Montreal, QC, Canada, 2023, pp. 36-42, doi: 10.1109/WiMob58348.2023.10187733

Projects

Englishour | *React.js, Express, PostgreSQL* — October 2022
- Designed and developed a clean and modern website
- Developed a platform for students and teachers to work on English language education
- Used secure coding practices to make the application immune to injection attacks

Portal Combat | *Unity, C#* — January 2023
- A PC game consisting of various levels and puzzles in each level

IMDB | *Django, HTML, CSS* — December 2020
- A web application for storing and serving movies and tv series information

Technical Skills

Languages: Python, Java, C, C++, HTML/CSS, JavaScript, Bash, SQL
Developer Tools: VS Code, Android Studio
Technologies/Frameworks: Linux, NS3, GitHub, Node.js, Django

Extracurricular

BUET Cybersecurity Club — January 2023 – May 2023
Vice President — *Bangladesh University of Engineering and Technology*

Talk on Cybersecurity and Digital Forensics — December 2022
National Workshop on Data and Cyber Security — *Bangladesh University of Engineering and Technology*

2nd Runners Up — December 2022
National Cyber Drill — *BGD e-Gov CIRT*

Problemsetter — January 2023
Knight CTF