Alif Azam

Shahjalal University of Science and Technology, Sylhet-3114, Bangladesh
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Research Interest

- HPC
- Computational Physics
- Machine Learning
- Climate Physics

Skills

• **Languages**	Python, C, HTML, LaTeX, Bash Scripting
• **Packages and Libraries**	NumPy, Pandas, Matplotlib, Scikit-learn, cuML
• **Tools**	git, GitHub, CLI
• **Operating System**	Linux, Windows
• **Embedded System**	Arduino, ESP32, ESP8266

Education

- **BSc in Physics**
Shahjalal University of Science and Technology, Sylhet — January 2022-Present
- **Higher Secondary Certificate(HSC)** — GPA: 5.00
Dr. Mahbubur Rahman Mollah College, Dhaka — June 2019-December 2021
- **Secondary School Certificate(SSC)** — GPA: 4.78
United Islamia Govt. High School, Madaripur — January 2015-April 2019

Research Experience

- **High Performance Computing Lab**
Shahjalal University of Science and Technology, Sylhet — December 2024-Present

Conference Presentation

- *"BSER - Bengali Speech Emotion Recognition using MFCC Features Based on SUBESCO and BanglaSER: A Comparative Study of Machine Learning Models"*: Nripendro Biswas, Ahmed Rijvee, Munaem Ahmed Mahdi, **Alif Azam** and Md. Takoat Hossain. *International Conference on Engineering Research, Innovation and Education (ICERIE 2025).*

Linguistic Skill

- English(Fluent English Proficiency)
- Bangla(Native Language)

Workshops/Courses

• System Administration and IT Infrastructure Service (by Google)	January 2025
• Introduction to Deep Learning & Neural Networks using Keras (by IBM)	December 2023
• Google Digital Marketing Course	July 2021
• Python Core Course (by Sololearn)	February 2020

Extra-Curricular Activities

• Assistant IT Secretary, Swapnotthan, SUST	May 2024-Present
• Media and Outreach Team, SUST Autodrive	September 2024-April 2025
• Volunteer, Sylhet Region, Bangladesh Physics Olympiad	December 2023
• Typist, Chemistry Haters	August 2020-November 2020
• Sports Week Volunteer, United Islamia Govt. High School, Madaripur	February 2018

Awards/Achievements

• Accomplished Competitor, University Physics Competition	2023
• Chess RunnerUp, Intra Department Indoor games, SUST Physics Society	December 2023
• Uno Chamption, Intra Department Indoor games, SUST Physics Society	December 2023