

Syed Shakil Mahmud

Research Enthusiast | Teaching Aspirant
BSc. in Computer Science & Engineering
Comilla University, Cumilla

+8801863784974
syedshajib55@gmail.com
Syed Shakil Mahmud
Syedshajib55

EDUCATION

- | | | |
|---|---|---|
| <ul style="list-style-type: none">• BSc. in Computer Science & Engineering
Mar'18 - Jan'24
Comilla University, Cumilla
CGPA: 3.76/4.00 | <ul style="list-style-type: none">• Higher Secondary Certificate
Passed at 2017
Dighirpar T.I.K. Memo. College, Cumilla
GPA: 4.67/5.00 | <ul style="list-style-type: none">• Secondary School Certificate
Passed at 2014
Lolbaria High School, Cumilla
GPA: 5.00/5.00 |
|---|---|---|

WORK EXPERIENCE

- **Lecturer (Department of Computer Science & Engineering)** 15 July 2024 - present
CCN University of Science & Technology Cumilla, Bangladesh
 - Conducted comprehensive lectures on Compiler Design, Numerical Methods and Digital Image Processing
- **Instructor, C Programming Workshop** 3 Mar. 2023 - 3 Apr. 2023
ICT Division i. Laksham ii. Nangalkot(Cumilla)
 - Facilitated C programming sessions for over 150 participants.
 - Ensured attendees acquired fundamental proficiency in C programming & problem-solving skills from scratch.

RESEARCH EXPERIENCE

- **Safety Helmet Detection of Workers in Construction Site using YOLOv8** Published by IEEE
2023 26th International Conference on Computer and Information Technology (ICCIT) 13 - 15 Dec, 2023
 - Presented our research at the conference | DOI: 10.1109/ICCIT60459.2023.10441212
- **Real Time Fire Detector and Alarm System for Buildings using YOLOv8 | Poster Presentation** July 2023
Ongoing Team Research
 - Presented a poster about real-time fire detection using the latest YOLOv8 model in the Digital Image Processing lab. Achieved improved accuracy compared to other models and implemented an alarm system to notify admins of fire incidents in buildings | DOI: 10.13140/RG.2.2.35454.77128

PROJECTS

- **BaBy Care (Preview)** Nov. 2021 - Aug. 2022
An e-commerce website offering child products, doctor appointments, and daycare facilities Github
 - [Frontend], [Backend], [Live Website]
- **Camera Shop (Preview)** Sep. 2021 - Dec. 2021
The e-commerce website offers a variety of cameras and lenses for purchase Github
 - [Frontend], [Backend], [Live Website]

COMPETITIVE PROGRAMMING

- **RMSTU Bangabandhu Online Divisional Programming Contest - 2021 | Team contest** May 2021
Rank - 10 | Team: CoU_return_0 | Secured the 10th position among 48 teams by solving 4 problems. Certificate
- **ICPC Preliminary 2021 | Team Contest** April 2021
Rank - 193 | Team:CoU_ReversePointers | Secured the 193th position among 1272 teams by solving 2 problems. Certificate
- **INWED_TECHFEST Programming Contest | Certificate** July 2019
- **Completed Competitive Programming Beginner Course | Certificate** Dec. 2019
- **Participated in 150+ online programming contests and solved 1200+ programming problems**
Coding Profile(StopStalk): Syed Shakil Mahmud, Ranked 8th among the Top Solvers of All Time on Toph

RESEARCH INTEREST

- Artificial Intelligence • Machine Learning • Natural Language Processing • Digital Image Processing

AWARDS AND ACHIEVEMENTS

- **Champion Award at the IEEE International Student LED-Conference 2023 (Certificate)** 2023
Undergraduate Research Paper Contest / Presented my Thesis paper
- **Vice-Chancellor Scholarship Award: Ranked third in the 3rd-year final examinations** 2022
- **Received "Black Belt" title from Complete Web Development course (Course Certificate)** 2021
Attained a Black Belt certification from the course, gaining expertise in specific skills (Black Belt Certificate)
- **Champion in a Quiz Competition: Achieved 1st position in the February 21st quiz contest** 2016

TECHNICAL SKILLS

- **Programming Languages:**
 - Expert: C, C++
 - Fluent: JAVA
 - Familiar: Python, assembly
- **Cloud/Databases:**
 - Fluent: Node, MongoDB, Express
 - Familiar: MySQL
- **Operating System:** Windows, Linux(Ubuntu)
- **Web Development:**
 - Expert: Javascript, React, HTML, CSS, JQuery, Bootstrap
 - Fluent: PHP, Heroku, xml, Netlify
 - Familiar: Tailwind, Python
- **Tools:** Git, Github, Microsoft Word, Excel
- **LaTeX:** Overleaf
- **Developer IDE:**
 - Expert: VsCode studio, code blocks
 - Fluent: Jupyter Notebook, NetBeans, PyCharm, Google colab,
 - Familiar: Matlab, XAMPP, emu8086, Keil & proteus
- **Presentation software:** PowerPoint, Draw.io, Figma

EXTRA-CURRICULAR ACTIVITIES

- **SnackDown Representative (Codechef)** Sep. 2021 - Dec. 2021
– Event Promotion, Community Outreach, Advocacy & Leadership
- **Volunteered with a Scholarship Organization** Feb. 2019 - running
– As a volunteer representative of Ghuddi Foundation, I provided guidance to students as they navigated to the exam hall and administered their exams

PROFESSIONAL MEMBERSHIP

- **Comilla University IT Society(CoUITs): Lead Programmer** Aug. 2021 - Jul. 2022
- **Comilla University Science Club (CoUSC): Actively Participated in 1st Science Festival - 2019** Since 2019

SOFT SKILLS

Consistent, Good Research & Analytical Ability, Effective communication skills, Leadership, Teamwork, Critical Thinking, Presentation, Mentoring, Fluent in English, Teaching skills, Hardworking

ACCOMPLISHED WORKSHOPS

- **International Seminar on the Latest Research Trends in Technology** Dec,2023
Organized by the Faculty of Engineering of Comilla University Duration: 1 Day
– By professor MD Rashedul Islam, Ph.D(Japan), Safiqul Islam, Ph.D(University of Oslo), Syed Ashiqur Rahman, Ph.D(GSK)
- **Second International Conference on Machine Intelligence and Data Science Applications** Dec,2021
(MIDAS 2021) | Organized by Department of CSE, Comilla University Duration: 2 Day
- **Interactive session on "The Future of CS Careers: AI, ML, Cybersecurity, Robotics"** June,2023
Organized by Bangladesh Innovation Forum & Comilla University Duration: 1 Day

REFERENCE(S)

• Dr. Mahmudul Hasan, SMIEEE

Head of the Department (Dept. of CSE)
Associate Professor, Dept. of CSE
Comilla University, Cumilla - 3506, Bangladesh
Phone: +8801725610125
Email: mhasanraju@gmail.com ; mh@cou.ac.bd

• Md Mohibullah

PhD Student, Interactive Systems Lab., Saitama University, Saitama, Japan and
Assistant Professor, Department of CSE
Comilla University, Cumilla - 3506, Bangladesh
Phone: +8170-8355-2054
Email: mohibullah@cou.ac.bd