

# SHAWON SAHA

Dhaka, Bangladesh

Website: <https://shawonsaha.github.io>

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## EDUCATION:

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- **Bachelor of Science (B.Sc.) in Computer Science and Engineering** 2018 - 2023  
BRAC University, Dhaka, Bangladesh  
CGPA: 3.50/4.00  
Dean's List [Fall 2020]
- **Higher Secondary Certificate (HSC)** 2015 - 2017  
Dhaka City College, Dhaka, Bangladesh  
GPA: 5.00/5.00

## WORK EXPERIENCE:

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- Orange Business Development Ltd., Dhaka, Bangladesh Oct 2022 - Jan 2023  
**Full-stack Web Developer | Internship**
  - Maintained complex technology infrastructure and collaborated with Muktopaath team (Bangladesh's prominent government-funded e-learning platform) to implement new features and strategically plan for future products.
  - Implemented advanced search functionality using Apache Solr.
  - Managed and optimized the database using MySQL.
  - Addressed UI issues by constructing and resolving them with VueJS.

## RESEARCH INTEREST:

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Machine Learning, Data Science, Computer Vision, Cloud Computing, Cyber Security

## RESEARCH EXPERIENCE:

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**Undergraduate Thesis:** Intelligent parking system using machine learning. Sep 2022 - Sep 2023

## TECHNICAL SKILLS:

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- **Programming Languages:** Python, Java, JavaScript, ShellScript
- **Libraries and Frameworks:** ReactJS, VueJS, ExpressJS, jQuery
- **Database Management System:** MySQL, MongoDB
- **Embedded Systems:** Raspberry Pi, Arduino
- **IDE:** VSCode, PyCharm, Google Colab, PSPICE, Proteus, Arduino IDE
- **Microsoft Office:** Word, Excel, PowerPoint
- **Design Tools:** Figma, Canva, Adobe Photoshop, Adobe Illustrator

## EXTRA-CURRICULAR ACTIVITIES:

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- Member of BRAC University Computer Club

## **AWARDS AND CERTIFICATIONS:**

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- Google IT Automation with Python - Google Certification - Coursera
- Automating Real-World Tasks with Python - Coursera
- Configuration Management and the Cloud - Coursera
- Troubleshooting and Debugging Techniques - Coursera
- Introduction to Git and GitHub - Coursera
- Using Python to Interact with the Operating System - Coursera
- Crash Course on Python - Coursera
- Introduction to CSS - University of Michigan - Coursera
- Introduction to HTML5 - University of Michigan - Coursera
- AI For Everyone - deeplearning.ai
- 4th BIRDS International Workshop: Demystifying Satellites - BRAC University
- 2nd Position in Poster Presentation Segment - IEEE BRAC University Student Branch
- Workshop on Openstack Cloud - Openstack Bangladesh
- BITFEST Programming Contest - Khulna University of Engineering Technology
- RS Chess Activity - BRAC University Residential Semester

## **REFERENCE**

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references available upon request