

Sadia Afrin

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EDUCATION

B.Sc. in Computer Science & Engineering Jahangirnagar University <i>CGPA: 3.79/4.00 Position: 5th/59</i>	Savar, Bangladesh Feb. 2019 – April 2024
HSC Holy Cross College <i>GPA: 5.00/5.00</i>	Dhaka, Bangladesh 2018
SSC Holy Cross Girls' High School <i>GPA: 5.00/5.00</i>	Dhaka, Bangladesh 2016

EXPERIENCE

Junior Software Quality Assurance Engineer <i>Dynamic Solution Innovators</i> • Projects OpenCRVS	April 2024 - Present
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PROGRAMMING CONTESTS & ACHIEVEMENTS

Ada Lovelace NGPC. - Bangladesh Open Source Network (BdOSN) - 19th [<i>JU_Teamsix</i>]	2022
CSE-MBSTU Inter Department Programming Contest. - MBSTU - 8th [<i>JU_NoLongerHuman</i>]	2022
Ada Lovelace NGPC. - Bangladesh Open Source Network (BdOSN) - 28th [<i>JU_plusUltra</i>]	2021
National Girls' Programming Contest. - ICT Division BD - 18th [<i>JU_Blitz</i>]	2021
Inter University Girls' Programming Contest. - NSU ACM-W Student Chapter - 30th [<i>JUggernaut</i>]	2019
National Girls' Programming Contest. - ICT Division BD - 45th [<i>JU_Challengingtimes</i>]	2019
University Merit Scholarships for Outstanding Semester Results	2019–2024
Government Scholarship for Outstanding HSC Result	2018

PROJECTS

OpenCRVS <i>Associated with DSi</i> • Worked actively and independently on different country CRVS system implementations - Madagascar CRVS (SIECM), Uganda CRVS etc. • Testcase writing & maintaining using Testrails • Regression Testing, Smoke Testing, Sanity Testing • Github for tracking bugs	February 2024 - Present
Predicting Song Popularity by Analyzing Audio Features <i>Python, ML</i> of Spotify Bengali Tracks across Diverse Genres • Data collection using Spotify Web API • ML classifier models for predicting popularity score • Feature importance to unravel the responsible features for a song's popularity	March 2024 – September 2024
Assessing Depression Severity among University Students <i>Python, ML, NLP</i> & Unraveling Associated Factors • Data collection from a variety of departments from different universities • Followed APA (American Psychological Association) scoring measures for assigning scores to features • Feature Extraction from textual data using topic modeling, emotional polarity • Predicting depression severity using classifier models	December 2023 – Present
Hospital Management System <i>Python, Django, HTML, CSS, Git, Github</i> • Agile Scrum SDLC • Unit Testing using pytest • Continuous Integration Testing using Github Actions • Documentation using Sphinx • Version Control using Git & Github .	February 2024 - March 2024

PROBLEM SOLVING SKILLS

Codeforces – 683 Solved Problems. Max Rating 1370.

VJudge – 375 Solved Problems.

Atcoder – Max Rating 433.

Uva – 108 Solved Problems.

TECHNICAL SKILLS

Languages – Python, C, C++, Java.

Mobile App Development – Android Studio.

Web Development – Django, HTML, CSS, Bootstrap.

Version Control – Git, Github.

Miscellaneous – LaTeX.