

# BUSHRA AKTER

Institute Of Information Technology  
Jahangirnagar University

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## EDUCATION

3/2019 - 6/2024	<b>Bachelor of Science, Information Technology</b> CGPA: 3.92/4.0	Jahangirnagar University, Savar, Dhaka, Bangladesh
6/2016 - 4/2018	<b>HSC, Science</b> GPA: 4.75/5.00	Brahmanbaria Govt. College, Brahmanbaria
1/2014 - 2/2016	<b>SSC, Science</b> GPA: 5.00/5.00	Sabera Sobhan Govt. Girls High School, Brahmanbaria

## EXPERIENCE

- ❖ Competitive Programming trainee, Jahangirnagar University
- ❖ Teaching Assistant, Structured Programming Language Lab, IIT, Jahangirnagar University
- ❖ Vice Chair - student branch, IEEE Jahangirnagar University
- ❖ Content Writer- E-Business and Entrepreneurship Club, Jahangirnagar University .
- ❖ participated software Testing course, Enhancing Digital Government and Economy (EDGE)

## SKILLS

- OOP, Data Structure, Algorithm
- Python, PHP, Java, HTML, CSS, JavaScript
- MySQL, Machine Learning
- **Proficient:** C/C++

## PROGRAMMING SKILL

- ❖ **Onsite Programming Contests:**
  - **3rd** (Luna Shamsuddoha Girls In ICT Day Celebration - All Girls' Programming Contest-2023)
  - **10th** (National Girls' Programming Contest (NGPC) - 2022), Team - JU\_Sparkle
  - **10th** (Ada Lovelace National Girls' Programming Contest - 2021), Team - JU\_DrazzlingGleam
  - **20th** (BUET IUPC 2022), Team - JU\_Enlightened
- ❖ **Online Programming Contests:**
  - **1246th** in Codeforces round 921 (handle: [bushraakter](#))
  - **1290th** in Codeforces round 830 (handle: [bushraakter](#))
- ❖ **Online Contests Rating:**
  - **Codeforces** Rating: **1577** (max)
- ❖ **Solved more than 1200 programming problems in various online judges.**
  - **Codeforces:** **1016** problems
  - **LightOj:** **38** problems
  - **UVA:** **102** problems
  - **CSes:** **20** problems
- ❖ **Also participated in more than 5 onsite national programming contests and more than 160 online contests.**

## PROJECTS

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Web based	<b>Admission Management System Website</b> Our team developed a user-friendly admission management website where students can register and access detailed unit subject information, requirements, and registration fees. Once registered, students can log in to view their seat plan, exam results, and other important details. The website also features email confirmation and allows students to download their admit card conveniently. - <b>Used Technologies:</b> HTML, CSS, JS, PHP, MySQL.	<a href="#">Github Link</a>
Machine Learning	<b>Utilizing Machine Learning for Effects of Alcohol on the Study</b> Our team developed a machine learning project to investigate the link between alcohol consumption and academic performance. We aim to analyze data to understand how different levels of alcohol intake may impact study efficacy and student outcomes. - <b>Used Technologies:</b> Linear regression, logistic regression, decision tree, random forest, SVM, KNN.	<a href="#">Github Link</a>
Web based	<b>E-Tutor Platform</b> Our team developed a JavaScript project website built with PHP, CSS, Ant Design, offering a seamless educational experience with user authentication, course management, and responsive design. - <b>Used Technologies:</b> JavaScript, PHP, CSS.	<a href="#">Github Link</a>
Hardware	<b>Home Automation System</b> Our team project is a home automation system that controls a fan and light with a simple switch and voice commands. This makes it easy to manage these devices without getting up.	
Hardware	<b>Air Pollution Detector</b> In our air pollution detector team project, we created a device that measures CO2, CO, NO2, and particulate matter. It uses the Air Quality Index (AQI) to show whether the environment is safe or dangerous.	

## REFERENCE

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### Dr. M Shamim Kaiser

✉ mskaiser@juniv.edu

Professor

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Jahangirnagar University

Savar, Dhaka-1342, Bangladesh.

### Dr. Md. Sazzadur Rahman

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