SUMAYIA ALAM

Former Undergraduate Teaching Assistant || Former Grader

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in Sumayia alam   ○ SumayiaOishi
📍 House-526, Road-Shirajmia road, Ashkona, Dakshinkhan, Dhaka

EXPERIENCE

Undergraduate Teaching Assistant

**Department of CSE,
United International University**

📅 February '23 – January '24   📍 Dhaka, Bangladesh

Courses Taken
- Introduction to Computer System Laboratory (ICS)
- Object Oriented Programming Laboratory (OOP)
- Computer Networks Laboratory
- Digital Logic Design Laboratory

Grader

**Department of CSE,
United International University**

📅 November'22 – January '24   📍 Dhaka, Bangladesh

Courses Taken
- Software Testing and Quality Assurance
- Structured Programming Language
- Software Engineering
- Fundamental Calculus
- Calculus and Linear Algebra
- Physics

SKILLS

- Programming Languages: C/C++, Java
- Web Development: HTML, CSS, JavaScript
- Database: MySQL
- Version Control: Git & Github
- Project Management Tool: Jira
- Software Testing Tool: Postman
- Software Design Tool: Figma
- Microsoft Power points and Excel

RESEARCH

- **Deciphering Spatial Complexity: Unifying Gene Expression, Location,and Histology to Illuminate Spatial Domains and Variable Genes** [Ongoing]
- **RoadGuard: Deep Learning Based Instance Segmentation for Comprehensive Detection of Potholes, Speed-breakers, Drain Holes, and Sewer Covers** [Ongoing]

PROJECTS

UIU Solution ⬈

- Designed UIU student platform for UA, grader roles, and CV generation using HTML, CSS, JavaScript, and MySQL in the System Analysis and Design Lab.

UIU Counselling ⬈

- Using SceneBuilder and JavaFX in the Advanced OOP Lab, the system assists students in scheduling counseling with faculty through booking and favorites.

EDUCATION

Bachelor of Science in Computer Science and Engineering

United International University

📅 Jan '20 – Jan '24   📍 Dhaka, Bangladesh

- CGPA: 3.83 out of 4.00

Higher Secondary Certificate

Armed Police Battalion School and College

📅 2017 – 2019   📍 Dhaka, Bangladesh

- GPA: 4.83 out of 5.00 (Science)

Secondary School Certificate

Nawab Faizunnesa Govt.Girls's High School

📅 2015 – 2017   📍 Cumilla, Bangladesh

- GPA: 4.73 out of 5.00 (Science)

HONORS & AWARDS

- **Winner** in **Final Year Design Project Poster** in **Project Showcase (Summer 2023)**
- **Participant** in **ICBBDB Workshop-2023**
- Achieved scholarship based on trimester results, scoring **100%** in **one trimester** and consistently maintaining a **50%** for **10 consecutive timesters**
- Secured scholarship, exempting from Intensive English-2 course.

REFERENCE

- Dr. Riasat Azim ⬈
  Assistant Professor, Department of CSE
  United International University
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