Mayisha Farzana

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Educational Qualifications

2022–2024   **Master of Engineering in Electrical and Computer Engineering**, *University of Ottawa*, Ottawa, Canada.

2016–2021   **Bachelor of Science in Computer Science and Engineering**, *Ahsanullah University of Science and Technology*, Dhaka, Bangladesh,
CGPA: **3.793** *out of* **4.00**
Class Ranking: 7th out of 78 students.

Professional Experience

Sep 2022-Present   **Corrector, University of Ottawa**, Ottawa, Canada
- Marking assignments, quizzes and other tests
- Explain the marking to the students after submitting their marks

Oct 2022-Present   **Vice Executive, Project Management Team**, Professional Development Club, University of Ottawa, Ottawa, Canada
- Work closely with the industries to bring any project requirements for graduate students at the University of Ottawa
- Analyze the projects given by the industries and match them with the students' skillsets

Sep 2022-Present   **Paul Menton Centre for Students with Disabilities(PMC) Volunteer Notetaker for SYSC 4101(A) (Volunteer), Carleton University**, Ottawa, Canada
- Taking complete and detailed class notes which are not verbatim from provided class material
- Save and upload the notes in PDF format
- Upload each week's notes to myPMC within 48 hours of the scheduled lecture date.

Apr 2022-Jul 2022   **Business Analyst, Sammtech**, Dhaka, Bangladesh
- Creating a detailed business analysis, outlining problems, opportunities and solutions for a business
- Planning and monitoring
- Conducting meetings and presentations to share ideas and findings.

Achievements

2021   Received **Dean's List of Honor** for securing CGPA more than 3.75 (based on B.Sc. result)

2020   Received **1st** place in Thesis Milestone Poster Presentation arranged by AUST CSE

2019   Received **1st** place in Intra AUST programming contest Spring 2019 hosted by CODEWARE

2019   Received **2nd** place in Intra AUST Programming Contest organized by Game of Codes

2012   Received merit-based **General Award Scholarship** awarded in recognition of outstanding achievement in Junior School Certificate Examination

Technical Skills

Programming Languages	C, C++, Java, Python, SQL
Web Development	HTML, CSS, Bootstrap, PHP
Database	MSSQL, MySQL, SQLite, PL/SQL.
IDE and Applications	Code Blocks, NetBeans, Android Studio,, Matlab, GitHub, Microsoft Visual Studio, VMware Workstation Pro, Google Colaboratory
Office Applications	Latex, Microsoft Excel, Microsoft Powerpoint

Undergraduate Thesis Work

2021 *Thesis Title:* **Shuvro: A Context Sensitive Bengali Spell Checker to Combat Hilarious Language Distortion over Social Media**
Supervisor: Mir Tafseer Nayeem, Assistant Professor
Description: Using Avro Keyboard as the baseline, we aimed to create a writing tool to provide text suggestions, contextual spell checking, and Murad Takla (Bangla words written in English with wrong spelling) sentence detection from codemixed Bengali-English text.

Research Publications

2021 N. S. Shadin, S. Sanjana and M. Farzana, "Automated Detection of COVID-19 Pneumonia and Non COVID-19 Pneumonia from Chest X-ray Images Using Convolutional Neural Network (CNN)," 2021 2nd International Conference on Innovative and Creative Information Technology (ICITech), 2021, pp. 57-63, doi: 10.1109/ICITech50181.2021.9590174.

2021 S. Sanjana, N. S. Shadin and M. Farzana, "Automated Diabetic Retinopathy Detection Using Transfer Learning Models," 2021 5th International Conference on Electrical Engineering and Information & Communication Technology (ICEEICT), 2021, pp. 1-6, doi: 10.1109/ICEE-ICT53905.2021.9667793.

Academic Projects

2021 **Movie Genre Prediction using Deep learning**, *Using python, deep learning, NLP based.*
Link: `https://github.com/MayishaFarzana/Movie-Genre-Prediction/tree/main`

2020 **Baby Day Care**, *Using Oracle, Notepad ++, Virtual Machine.*
Link: `https://github.com/MayishaFarzana/Baby_Day_Care`

2019 **Online Bus Ticket Management System**, *Using C#, MVC ASP.NET, Html, CSS, Bootstrap, Microsoft Visual Studio.*
Link: `https://github.com/MayishaFarzana/Online_Bus_ticket_management_system`

2019 **University Website**, *Using HTML, CSS3, JavaScript, PHP, My SQL, Notepad++,*
Link: `https://github.com/MayishaFarzana/University_of_Sky.`

2019 **Football Tournament Management System** , *Using Java, MSSQL, SQL, NetBeans 8.0, Microsoft SQL Server Management,*
Link: `https://github.com/MayishaFarzana/football_tournament_management.`