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Marufa Kamal

Objective

Looking for a challenging role in a reputable organization to utilize my technical, database and management skills for the growth of the organization as well as to enhance my knowledge about new emerging trends in the IT sector along with building my leadership qualities. I identify as a team-player who can also work independently.

Education

- 2016-2021 **Bachelor of Science**, *Ahsanullah University of Science and Technology*, Dhaka, Bangladesh, CGPA - 3.823/4.00.
Computer Science and Engineering
- 2014-2016 **Higher Secondary Certificate (HSC)**, *Cantonment English School and College*, Chattogram, Bangladesh, GPA - 5.00/5.00.
Medium: English Version
- 2014-2016 **Secondary School Certificate (SSC)**, *Cantonment English School and College*, Chattogram, Bangladesh, GPA - 5.00/5.00.
Medium: English Version

Honors and Awards

- 2021 Got **50% Tuition Fee Waiver** on the basis of Fall 19's final examination GPA **4.00/4.00**
- 2020 Received **1st** place in Thesis Milestone Poster Presentation arranged by AUST CSE
- 2020 Awarded as **Special Mention All Girls team** in Software Project Display in Mujib Borsho IT Carnival'20-DIU
- 2019 Got **50% Tuition Fee Waiver** on the basis of Fall 18's final examination GPA **3.98/4.00**
- 2018 Awarded **Runners-up** in "Intra Aust Project Showcase Spring-2018" (Software).

Skills Summary

- Langages Python, Java, C#, C, Objective-C, Prolog
- Web HTML, CSS, Bootstrap, JavaScript, PHP, ASP.NET MVC
- Development
- Database MySQL, MS SQL, PL/SQL
- IDE & applications Code Blocks, NetBeans, Android Studio, Microsoft Visual Studio, VMware Workstation Pro, Google Colabotory, Matlab, GitHub

Thesis

Shuvro: A Context Sensitive Bengali Spell Checker to Combat Hilarious Language Distortion Over Social Media

Description: *Keeping Avro Keyboard as the baseline we aimed to create a writing tool to provide word suggestions, contextual spell checking and Murad Takla sentence detection from code-mixed Bengali-English text. Using word embedding models and neural models we evaluated our system by creating a dataset comprising of Murad Takla sentences.*

Academic Projects

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| Desktop Game | IceVenture , <i>Language: C++, IDE: Microsoft Visual Studio</i> |
| Desktop App | Modern Tutions , <i>Language: Java, MySQL, IDE: NetBeans IDE 8.0</i> |
| Android App | Shajara (Salah Tracker), <i>Language: Java, SqLite, IDE: Android Studio</i> |
| Website | Movielt , <i>Language: Website HTML, CSS3, JavaScript, PHP, My SQL, IDE: Notepad++</i> |
| Desktop App | Police Case Management System , <i>Language: Java, MSSQL, SQL, IDE: NetBeans 8.0, Microsoft SQL Server Management</i> |
| Website | Doc&Dine , <i>Language: C#, MVC ASP.NET, Html, CSS, Bootstrap, IDE: Microsoft Visual Studio</i> |
| Hardware Project | Home Cleaning Robot , <i>IDE: Arduino IDE</i> |
| Desktop App | Old Age Home Management System , <i>Language: PL/SQL, IDE: Notepad++</i> |
| Research project | Genre Classification on Bengali Music Based on Audio Features , <i>Language: Python, IDE: Google Colab</i> |
| iOS App | To-Do List , <i>Language: Objective-c, IDE: VMware Workstation</i> |

Co-curricular Activities and Participation

- 2021 Volunteered as the host of the Oral Presentation "Language Resources and Evaluation" in **NAACL 2021**
- 2020 Worked as **Event Management Executive** in **AUST Photography Club**.
- 2020 Completed an online non-credit course authorized by DeepLearning.AI and offered through Coursera on **Neural Networks and Deep Learning**
- 2019 Participated in **Software Project Display in InnoVenture'19** an Intra university project showcasing competition
- 2018 Completed Crash course season 4 on **PowerPoint, storytelling** and **public speaking** arranged by the faculty of business studies, DU
- 2018 Participated in **Software Project Display in Technomania'18** an Intra university project showcasing in Fall-2018
- 2016 Participated in "**Intra Aust Programming Contest Fall-16**" in 2016

References

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