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[GitHub](#)
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SKILLS

Programming and Web Development:

- **Python**: Proficient in Python programming, adept in developing applications and automating tasks.
- **Django**: Beginner-level skills in Django, familiar with the fundamentals of web application development.
- **HTML & CSS**: Competent in HTML and CSS, capable of creating visually appealing and functional web designs.
- **JavaScript**: Basic knowledge of JavaScript, understanding core concepts for dynamic web functionality.
- **GitHub** (Version Control): Proficient in using GitHub, skilled in committing, branching, and merging code.

Technical Skills:

Microsoft Office Suite:

- **Excel**: Skilled in spreadsheet management and basic Excel functions.
- **Word and PowerPoint**: Proficient in document creation and presentation design.

Adobe Creative Suite:

- **Adobe Premiere Pro**: Familiar with video editing techniques and tools in Premiere Pro.
- **Adobe Photoshop**: Basic skills in image editing and graphic design using Photoshop.

EDUCATION

Bachelor of Science in Computer Science and Engineering (CSE)

Brac University, Dhaka, Bangladesh

Current CGPA: 3.12 (on a scale of 4.0)

Expected Graduation: April, 2024

Thesis Work:

Title: Multi-modal Analysis of EEG and fMRI for Enhanced Classification and Understanding of Sleep Stages using Deep Learning

Status: Currently in progress. Expected Thesis defense date: [April, 2024])

PROJECTS

1. Personal Portfolio Website

Languages and Tools: Python, Flask, HTML, CSS, JavaScript.

Description: A dynamic personal and professional portfolio website with a contact form that captures user inquiries. Backend processing is done using Python with the Flask framework, allowing for data storage and retrieval.

Key Features:

- Dynamic 'Contact Me' form that stores submissions in a CSV file format, enabling simple data persistence without a traditional DBMS
- Responsive design for compatibility across devices and screen sizes.
- Intuitive navigation and user-friendly layout.

GitHub Repository: [Link](#)

LiveProject: [portfolio website](#)

2. Virtual Assistant

Languages and Modules: Python, Speech Recognition, PyWhatKit, yfinance, PyJokes, webbrowser, datetime, Wikipedia API.

Description: A voice-activated assistant that performs tasks such as opening YouTube, browsing the internet, providing time and date information, and voice to text conversion.

Key Features:

- Voice command recognition for internet searches, opening websites, and YouTube playback.
- Retrieves stock market data using yfinance.
- Delivers jokes and entertainment through PyJokes.
- Capable of web browsing and general information queries.
- Provides current time and date.
- Accesses and relays information from Wikipedia based on voice commands.
- GitHub Repository: [Link to the project](#)

3. Two-Player Ping Pong Game

Languages and Libraries: Python, Turtle Graphics Library.

Description: Developed an interactive two-player Ping Pong game. The game is designed to be played in real-time using keyboard controls and features live score updates.

Key Features:

- Real-time gameplay allows two players to compete against each other.
- Keyboard controls for player movement and game interactions.
- Live score tracking and display, updating dynamically as the game progresses.
- Utilized the Turtle Graphics Library for creating visual elements and game dynamics.

GitHub Repository: [link](#)

EXTRA-CURRICULAR ACTIVITIES

1. Machine Learning Competition at Infixion 2023:

Event: Infixion 2023 ETE Day Event

Organizer: Department of Electronics and Telecommunication Engineering, CUET

Project Focus: Utilized Natural Language Processing (NLP) and BERT (Bidirectional

Encoder Representations from Transformers) to analyze and interpret a complex Bengali dataset.

Skills Gained: Enhanced proficiency in machine learning, data analysis, programming, and the application of cutting-edge NLP techniques in a linguistically diverse context.

2. Involvement in Brac University Cultural Club:

Role: **Assistant General Body Member**

Activities: Actively involved in organizing and performing multiple cultural events. Responsibilities included event planning, coordination with participants and faculty, and managing logistics. Demonstrated strong organizational, teamwork, and leadership skills.

3. 7th Chemistry Olympiad Participation:

- Competed in a national chemistry event at DU.
- Engaged in complex chemistry problems and experiments.
- Demonstrated strong problem-solving abilities.

4. Chess Workshop 'Tactical Checkmate 1.0':

- Event: Tactical Checkmate 1.0 Workshop
- Organizer: Brac University Chess Club
- Current Status: **Active participant**
- Skills Developed: Enhancing strategic thinking, problem-solving, and analytical skills through advanced chess techniques and strategies.

5. Poetry and Recitation Workshop BRAC (RS):

- Event: Poetry and Recitation Workshop
- Location: Brac University (during Residential semester)
- Description: Participated in an intensive workshop focusing on poetry and recitation. Gained skills in literary analysis, public speaking, and creative expression.