MOST MARUFATUL JANNAT MIM

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Education

🎓 **United International University (UIU),** Dhaka, Bangladesh   2019 - 2024
B.Sc in Computer Science and Engineering
Major: Data Science
(CGPA: 3.62/4.00)

Publications

[1] **Most Marufatul Jannat Mim**, Naznin Akter Nela, Tonny Rani Das, Mohammad Shahriar Rahman, Mir Moynuddin Ahmed Shibly, *"Enhancing Malware Detection Through Convolutional Neural Networks and Explainable AI,"* IEEE TENSYMP, NSUT, Delhi, India, 2024. [Paper].

[2] Mohaimenul Azam Khan Raiaan, Md Saddam Hossain Mukta, Kaniz Fatema, Nur Mohammad Fahad, Sadman Sakib, **Most Marufatul Jannat Mim**, Jubaer Ahmad, Mohammed Eunus Ali, Sami Azam, *"A Review on Large Language Models: Architectures, Applications, Taxonomies, Open Issues and Challenges,"* IEEE Access, 2024. [Paper].

[3] **Most Marufatul Jannat Mim**, Ripon Kumar Debnath, Dr. Dewan Md. Farid, *"Applying Deep Convolutional Neural Network for Classification of Black Gram Plant Leaf Disease,"* 26th International Conference on Computer and Information Technology (ICCIT), Cox's Bazar, Dhaka, Bangladesh, 2023. [Paper].

Work Experience

- **Research Associate**   February 2025 - Present
  [Brac University]
  - Manage documentation and research grant portfolio.
  - Support research activities of the center and school.
  - Plan, design, and execute executive education programs.
  - Coordinate with cross-functional teams, academics, and industry partners.
  - Provide IT and technical support for conferences, events, and online meetings.
  Dhaka, Bangladesh

- **Python Programming Trainer**   December 2024 - February 2025
  [Songjog Foundation]
  - Deliver structured and engaging lectures on Python programming to underprivileged youth with clarity and accessibility.
  Dhaka, Bangladesh

- **Research Engineer (Data Science)**   September 2024 - November 2024
  AIMS Lab, United International University
  - Collected data from individuals aged 60+ for Alzheimer's disease detection using mobile app tools.
  - Submitted research proposals (ADB 2024) that clearly explained goals and methods to advance Alzheimer's research.
  Dhaka, Bangladesh

- **Instructor**   September 2023 - August 2024
  UIU App Forum [Profile]
  - Provide Grooming sessions on OOP, DBMS, Software Engineering, and Final Year Design Project.
  Dhaka, Bangladesh

- **Grader** — November 2022 - January 2024
  United International University
  - Evaluated and graded assignments.
  - Provided feedback and guidance to students.
  - Supported administrative tasks related to the course.
  Dhaka, Bangladesh

Technical Skills

- **Packages:** Scikit-learn, Numpy, Pandas, Matplotlib, Opencv, Tensorflow etc.
- **Programming:** Python, C/C++, Java, PHP
- **Database & Tools:** SQL (MYSQL)
- **Scripting:** LaTeX, HTML, CSS, JavaScript
- **Project Management Tools:** Jira, ClickUp
- **Data Visualization Tools:** Microsoft Power BI
- **Design Tools:** Adobe Illustrator, Adobe Photoshop, Figma, Canva, Draw.io
- **Miscellaneous:** MS Office, Video Editing

Achievements and Awards

- **University Scholarship Awards**
  25% (three times), 50% (twice), and 100% (once).
- **Bright Skills Emerging Youth Award**
  University Club Category, 2024
- **1st Runner Up**
  Final Year Design Project-1, CSE Project Show, UIU, Summer 2023
- **Champion**
  Table Tennis Female Singles, UIU Intra Indoor Games 2022

Leadership Experience

- **President**, UIU App Forum, Dhaka (March, 2023 - July, 2024)
- **Volunteer**, UIU CSE Project Show, Spring 2023
- **Volunteer**, 2nd International Conference on Advanced Information and Communication Technology (ICAICT), (28 and 29 November, 2020)

Creative Works

- **Content Creator and Graphic Designer** — December 2024 - Present
  YouTube [Design]
  - Published tutorials on Computer Architecture, DBMS, Theory of Computation, and Python, gaining 40K+ views and 400+ subscribers.
  - Designed branding materials (posters, banners, logos) for YouTube.
  Dhaka, Bangladesh

Referees

Dr. Dewan Md. Farid
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