Muhammad Mamoon Uddin

Katy, TX |1 (832) 745-0685 | Mamoonuddin17@gmail.com
linkedin.com/in/mamoon-uddin | github.com/MamoonUddin | mamoon.netlify.app/

EDUCATION

The University of Houston   **Houston, TX**
Bachelor of Science, Computer Science, GPA: 3.5, Dean Scholarly List   **Dec 2022**

CERTIFICATE

Google Data Analytics, Coursera, Certificate link   **February 8th, 2023**
MLExpert Certificate, AlgoExpert, Certificate link   **April 26th, 2023**
ISC2 Certified in CyberSecurity   **In Progress**

EXPERIENCE

Technosys | Software Engineer   **Jan - Present**
- Debugged software issues within Codespace, optimizing user experience and functionality.
- Orchestrated concise and informative technical presentations for internal stakeholders.
- Executed fundamental data analysis, bolstering data-driven decision-making processes.

PROJECTS

MMU Movies | *React, Node.js, Firebase, Tailwind CSS | Github Link | Site Link*   **June - July 2023**
- Revamped movie discovery, fueling 25% higher engagement with a user-friendly interface.
- Engineered secure Firebase login, ensuring effortless entry and data privacy for users.
- Integrated TMDb API, enriching platform with 5,000+ movie details including plots and cast bios.

PyInterp | *Python, C++, Linux | Github Link*   **Aug - Dec 2022**
- Accelerated development by one-third by incorporating OOP concepts reducing the code length to under 2000 lines.
- Secured a success rate of 95% by engineering language constructs enabling seamless execution.
- Enhanced compile time by 50% by introducing error handling resulting in an efficient Python interpreter.

Predicting Patient Survival| *Python, Tensorflow, Skitlearn, Pandas, Seaborn*   **Aug - Dec 2022**
- Achieved an accuracy of over 90% by utilizing machine-learning models leading to informed decision-making.
- Maximized model performance by boosting accuracy by 15 % and reducing training time by 25% by applying hyperparameter tuning.
- Showcased the project's potential by delivering a captivating presentation resulting in a **top-10** placement.

Medical-DB | *MySQL, HTML, CSS, JavaScript, PHP | Github Link*   **Aug – Dec 2021**
- Attained 100% data accuracy and 100 millisecond response time by streamlining the database schema resulting in faster service.
- Developed interactive visualization showcasing patient demographics, identifying our target group.
- Presented the website by leading a team of five in a six-month time frame and obtaining a **top 3** placement.

TECHNICAL SKILLS

Languages	Python, JavaScript, R, C, C++, HTML/CSS, SQL, React, Node.js
Developer Tool	Jupyter Notebook, Tableau, Excel, R Studio
Libraries	Numpy, Matplotlib, Pandas, Seaborn, PyTorch, SkitLearn, Tensorflow, Keras, Selenium