Moshiur Rahman

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CAREER OBJECTIVE

To associate with vibrant organization,to fully utilize my knowledge and skills and contribute to the overall growth of the organization.

EDUCATION

Flinders University 2023 – 2025
Master's of Science in Computer Science

East West University 2017 – 2021
Bachelor of Science in Computer Science & Engineering

SKILLS

Languages: Python, C, C++, PHP, MySQL, JavaScript, HTML
Frameworks: Laravel
Tools: Git, GithUb, VS Code, Postman

EXPERIENCE

Software Engineer May 2022 – Aug 2023
SAMAHAR *Dhaka, Bangladesh*

- Played a key role in enhancing the user experience of the e-commerce platform by contributing to frontend development, leveraging JavaScript, HTML, and CSS to improve interactivity and usability.
- Successfully implemented third-party APIs, including Google Maps API, and OAuth/SSO integration using JavaScript.
- Collaborated in the development of an e-commerce website, focusing on backend enhancements using Laravel

COMPETITIONS & PERSONAL POJECTS

Datathon 2.0 | *Machine Learning Contest*
- A Machine Learning based contest where one has to predict some label by using synthetic data.
- Place 143 out of 384 teams.

3D Object Classification | *Python, Trimesh, NumPy,TensorFlow*
- A Deep-Learning model that can help us to classify 3D object
- Transformed the 3D CAD object to Point-Cloud by using Trimesh
- Used PointNet Architecture to classify 3D Object

Brain Tumor Prediction | *Python, Jupyter Notebook, TensorFlow, Matplotlib*
- Developed a model by using CNN that can predict which type of brain tumor it is by looking at the MRI scan.
- Visualized the data through Matplotlib

Parking Space Detector | *Python, OpenCV, NumPy*
- It is an OpenCV program that detects free space in the parking spots.
- Used edge detection to identify the edges of a car.
- Depending on the pixel density of the edges it predicts whether or not the space is available.

Virtual Painter | *Python, OpenCV, NumPy*
- It is an OpenCV program that uses a webcam as the board to draw on.
- Used edge detection to detect the edges.
- By using the edges and some fine-tuning the HSV color I was able to detect colors.
- Through color detection I was able to paint the colors onto the webcam.

THESIS

Drug-Ability Prediction Oct. 2021
- This thesis is based on whether we can predict a chemical compound is edible by human beings by using Machine Learning methods
- This model will reduce time significantly for discovering a drug.
- This model is used Lipinski RO5 to predict whether a drug is edible or not.