Samiha Akhter

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WORK EXPERIENCE

Project manager
Immersion [01/2022 – 05/2023]

-Managed both the client and the in-house team (97+ members).
-Assigned, executed, and monitored 726+ projects and analyzed each project's risk.
-Developed and managed a detailed project schedule and workflow with the help of monday.com and frame.io and ensured all projects were delivered on time.
-Reported daily work performance of the team.
-Arranged meetings with the client and the team to take detailed briefs and clarify specific requirements.
-Solved issues raised by the client.

Executive
Immersion [11/2021 – 12/2021]

-Oversaw daily operations and organized meetings.
-Evaluated the productivity and performance of the team.
-Checked the quality of each project.

EDUCATION AND TRAINING

Bachelor of Science
North South University [2017 – 2021]

Field(s) of study: Computer Science and Engineering
Final grade: 3.43 / 4

Higher Secondary Certificate
BAF Shaheen College [2016]

Field(s) of study: Science
Final grade: 5 / 5

PUBLICATIONS

Deep learning based object detection and surrounding environment description for visually impaired people
[2023]

PROJECTS

Deep Learning-Based Object Detection and Surrounding Environment Description for Visually Impaired People
[03/2021 – 05/2023]

-Developed a system that aims to enhance the independence and safety of visually impaired individuals by providing real-time information about the objects and environment around them

-Created an Ambience mode where the weather is described to the user

-Got mAP soce of 23.4 and FPS 88.6 and AUC score of 0.91

Cassava Leaf Disease Classification
[10/2020 – 01/2021]

-Developed a classification system of four types of Cassava leaf disease and healthy Cassava leaf using Neural Network

-Implemented CNN model using EfficientNetB0 and CosineDecay

-Detected healthy and unhealthy cassava leaves

-Got 88.6 percent accuracy on Kaggle submission using EfficientNet B3

Chatbot using NLP

[02/2021 – 05/2021]

-Developed a Chatbot where users chat with the bot and the bot responds accordingly and decides if the client needs immediate professional help

TECHNICAL SKILLS

Languages

Python, C/C++, Java, SQL, JavaScript, HTML,CSS, PHP, R

Frameworks

Tensorflow, Pytorch, Vue.js, React.js, Laravel, Bootstrap

Developer Tools

Git, VS Code, Visual Studio, Tableau, Eclipse

Libraries

Pandas, NumPy, Matplotlib, Scikit-learn, Seaborn

CERTIFICATES

Kaggle's Intro to Machine Learning

Kaggle's Intermidiate Machine Learning

Kaggle's Computer Vision

Kaggle's Intro to Game AI and Reinforcement Learning

CareerFoundry's Data Analysis For Beginners

Chatbot using NLP

[02/2021 – 05/2021]