Syeda Ariba Alam

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Career Objective

Intend to work in a sociable and educational environment where a sense of responsibility and commitment is required, and the place of work provides potential avenues for learning, growing and achieving hierarchy of the organization.

SKILLS

● Good understanding of core concepts of Neural Networking & pattern recognition

- Support Vector Machine, Linear & Logistic Regression,
- Gradient Descent, Convolutional Neural Network,
- Pooling, Loss function, Backpropagation

● Strong analytical and problem solving ability.

● Good understanding of Spring MVC, Git

● Excellent communication and presentation skill.

● Good understanding of calculus, algebra, statistics & arithmetic concepts.

● Good understanding of software engineering methodologies

Software Development Skills

Programming

- ❑ C/C++
- ❑ Java
- ❑ JavaScript
- ❑ Python
- ❑ Spring

Software Applications & IDE

- ❑ Docker
- ❑ Matlab
- ❑ CodeBlocks
- ❑ Jupyter Notebook
- ❑ Google Colab
- ❑ Eclipse
- ❑ Visual Studio Code

Thesis Project

Smart Blind Cane using Machine Learning— using Raspberry Pi, Neural Computing Stick, PiCam

EDUCATION

North South University — *BSc in Computer Science & Engineering* – CGPA: 3.08

Summerfields School & College— A'level(in Maths (AS), Business Studies, Accounting)

British Council— O'level(in Math, Physics, Chemistry, Bengali, English)

LANGUAGES

Fluent in English, Bengali, Hindi.

DIVERSE EXPERIENCE

- ❑ Event coordinator of iEEE WIE for INSB

- ❑ Graphics Designing from CodersTrust

- ❑ Web Designing from Shikhbe Shobai

- ❑ Image processing workshop by iEEE, NSU Student Branch

- ❑ Seminar on Satellite Making & Communication

PROJECT EXPERIENCE

Motion Triggered Intruder Detection & Recording System — using Raspberry Pi, Picamera, PIR sensor.

Facial Recognition Based Attendance System – using Python, OpenCV and webcam.

Simple weather App using Vanilla Javascript

Live Data Search using PHP, JQuery, SQL

Apple Stock Price prediction using LSTM, RMSE & Regression

Chatbot using Python, Keras

Facial Beauty Predictor using Keras & Siamese Network

Image Classifier using Neural Networking

Flappy Bird using Javascript & HTML5

REFERENCES

Dr. Rajesh Palit
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Department of ECE, North South University
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Dr. Mohammad Ashrafuzzaman Khan
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Department of ECE, North South University
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outh.edu

Github link:

https://github.com/aribaalam