

S. M. SHAON

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Career Objective

Seeking a position where creativity, analytic ability and problem solving skills can be explored and evolve my knowledge and apply them in my future work.

Skill Sets

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|-----------------------|------------------------|
| Programming Languages | : C ,PHP , Go, Python. |
| Frameworks | : Symfony, Tensorflow. |
| Database | : MySQL. |
| Operating System | : Windows, Linux. |

Machine Learning Projects

- **Project: Language Translation**
In this project, I train a sequence to sequence RNNs (Recurrent Neural Networks) model on a dataset of English and French sentences that can translate new sentences from English to French.
- **Project: Generate TV Scripts**
In this project, I generate my own Simpsons TV scripts using RNNs (Recurrent Neural Networks). I have used part of the Simpsons dataset of scripts from 27 seasons. The Neural Networks generate a new TV scripts from it.
- **Project: Image Classification**
In this project, I classify images from the CIFAR-10 dataset. The dataset consists of airplanes, dogs, cats and other objects. I preprocessed the dataset, and train a CNNs (Convolutional Neural Networks) on all the samples. I normalize the images, one-hot encode the labels, build a convolutional layer, max pool layer and fully connected layer. At the end, their predictions will show on the sample images. The data comes from the CIFAR-10 dataset.
- **Project: Generate Faces**
In this project, I use GANs (Generative Adversarial Networks) to generate new images of faces.
- **Project: Bike Share Prediction**
This is a prediction problem. In this project I build a NNs (Neural Networks) from scratch to carry out a prediction problem on a real dataset. By building a neural network from the ground up, I have a much better understanding of gradient descent , backpropagation and other concepts. The data comes from the UCI Machine Learning Database.

Professional Experience

EON Group (December 20, 2016 – Present)

- **Human Resource Information System :**
Responsibilities: Create Server Side All API
- **Biznet ERP**
Responsibilities: Fixed Asset Module, Service Purchase Module, Reports
- **Biznet Mobile Application**
Responsibilities: Server Side All API
- **Cache Management For Biznet**

Responsibilities: Command line application for calculating customer's due and over due and store it couchbase database. Developed by Go language.

Doodle I Incorporation (August 1, 2016 – December 15,2016)

- **Social Media Site**
Responsibilities: Develop new feature, Working on frontend and fix bug
- **Movie Site like imdb**
Responsibilities: Develop full Backend and add new feature on it.

Datarace Ltd (January 1, 2016 – July 30, 2016)

- **Egarage Management System**
- **Movie Site like imdb**
- **Bin Project**
- **Inventory Project**

Programming And Problem Solving Activities

Solved 450 problems in CODEFORCES .(Username : shaon_sust)

Solved 30 Problems in LIGHTOJ.(Username : shaon_sust)

Solved 35 Problems in UVA online judge.

Solved 20 Problems in SPOJ online judge.

Green Coder in Codeforces in 25 contests(Username: shaon_sust)

Education

B. Sc. Engg. In Computer Science and Engineering

ShahJalal University of Science and Technology, Sylhet.

Passing Year December 30, 2013,CGPA 2.66 out of 4.00

Higher Secondary Certificate Exam in Science Group

New GOVT Degree College, Rajshahi, Bangladesh.

Passing Year 2006, GPA 4.40 out of 5.00

Secondary School Certificate Exam in Science Group

GOVT Laboratory High School, Rajshahi, Bangladesh.

Passing Year 2004, GPA 5.00 out of 5.00

Projects

Garage management system(under development)

Doodle IIncorporation

Auto System has been designed with the user in mind, by user. The software looks and analysis at all the day to day aspects of running a Automotive Garage. Whether you are running a Car Workshop, Panel Beating Workshop. Auto System is designed to deal with any Vehicle Management System.

Programming Languages : PHP, Ajax, JavaScript, JQuery

Framework : Codeigniter, Laravel

Database : MySQL

URL : <http://autosystems.co.nz/>

Text Editor

Undergraduate Project

An application which performs text editing operations, such as file, edit and search operations. The file operations include creating a new file, opening existing files, saving the files and existing the application. The edit operation include undo, cut, copy, paste, delete, select all operation.

Tic-Tac-Toe

A desktop based application developed by Java.

Undergraduate project

Reference

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