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Education & courses

MSc Big Data Science, Queen Mary University of London   Sep 2019 - Sep 2020

Modules include Data Mining, Statistics, Machine Learning, Big Data Processing, Data Analytics, Deep Learning, Cloud computing and Machine Learning for Visual Data Analysis

Project:

- Currently working on computer vision involving Textual description of object in an Image using Deep Neural Network. With this, visually impaired people can have an idea of what an image consists of.
- Used python to code methodologies related to Natural language processing, machine translation, Transfer Learning
- Libraries: Tensorflow, Scikit, numpy etc

B.Tech Computer Science,National Institute of Technology,India(First)   Sep 2015 - May 2019

Modules:

- *Database Management Systems* : Worked on a mini-task developed by one of the prestigious institute of India (IIT) that involves SQL and relational databases.
- *Data Structures:* Coded Dijkstra's, Prims, Kurskals, cryptographic and various other algorithms (reference: Github)
- *Data Warehousing And Data Mining:* Analysed mining algorithms for customer retention in banking sector, association algorithms for supermarkets.
- *Distributed Computing:* Gained the knowledge of various distributed algorithms for coordination, communication, security and synchronization in distributed systems
- *Machine Learning And Soft Computing:* Learnt probabilistic models and gaussian mixtures
- *Unix Tools And Programming:* Worked on Shell scripting and learnt about various user privileges, Created a basic operating system using Nasm assembler and Qemu simulator in virtual box.
- *Business Intelligence*: Mastered the art of NLP and did analysis on research papers related to deep neural networks.
- *Big Data Analytics* :Map-Reduce programming model for better optimization

Maharishi Vidhya Mandir School, Chennai, India (A* [A Level])   June 2013 - March 2015

- Awarded cash prize for achieving perfect score(100/100) in Computer Science

Data Science Projects

National Institute of Technology, India   Oct 2018 – May 2019

Aspect based opinion mining using deep CNN for aspect extraction

- Language used: Python
- OS: Linux [Ubuntu 18.04]
- Libraries: nltk, tensorflow, numpy, os
- Deep learning algorithm like CNN was used to summarize the opinion aspects of a restaurant (ie. ambience = good, food = bad)
- Gained the experience of actively monitoring the team as a lead and distributing the work according to individual's interest and ability.

National Institute of Technology, India   Oct 2017 – Dec 2017

Web Portal Development for reliable feedback system

- Worked in a team of 3 where my knowledge was maximized and it fostered my creativity to develop

the webpage more elegant and helped me develop my team working ability.
- Technologies used: PHP, HTML, CSS, Javascript, Bootstrap, XAMPP, R studio
- Assessing a faculty based on the feedback of students is biased. Student's activity, attendance and performance also plays a major role in deciding the teaching ability, here we have used the required factors to output the performance of faculties.

National Institute of Technology, India   Oct 2017 – Dec 2017
Data Mining In Banking Sector
- Language used: R programming
- Libraries used: caret, c50, navebayes, neuralnet, e1071, gmodels, apriori
- Supervision of projects took place periodically because of which I learnt time management skills and I acquired the ability to prioritize work schedule.
- Optimizing the amount of time for the bank employees to recommend policies and perform various other activities to retain customers based on the profile of the customers.

Work Experience

IT intern, Qube Cinema Technologies , India   June 2018 - July 2018
- Worked on web development for the use of IT staffs to co-ordinate the list of service request made by the employees in the company
- Technologies used: PHP, HTML, CSS, Javascript, XAMPP, Bootstrap
- My work was benchmarked and I was asked to do a presentation regarding my work before HR department.
- It is an add-on experience to boost my individuality.

HCL Technologies [.NET Framework], India   July 2016 - August 2016
- Designed webpages using C# in Microsoft Visual Studio
- Developed a Banking website as mini project.

Technical Skills

- C++ - Programmed Attendance system using file handling
- JAVA - Threads and Applets learnt as a part of Object oriented programming
- MATLAB - Networking project performed for task allocation of nodes using banker's and other algorithms
- Data Structures - Linked list, queues, stack, graphs coded
- Microsoft office - Worked on various documents and presentations
- Latex - Documented projects and paper works.

Paper Published

Evangeline, C. Cara, C. Kushala, and BKSP Kumar Raju Alluri. "Efficient Task Allocation Strategies For WSNs."2018 First International Conference on Secure Cyber Computing and Communication (ICSCCC). IEEE, 2018 *(https://ieeexplore.ieee.org/document/8703319)*

Hobbies

- Recited 1200 Bible Verses in Church Competition
- Keyboard - Initial grade from Trinity College of London
- Passionate about writing spiritual quotes *(https://www.yourquote.in/caraevangeline10)*
- Languages known: English, Tamil

Reference : Available on Request