Raj Kumar Sah

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EDUCATION

UNIVERSITY OF DELHI
Major:Bachelor of Technology

Minor:Computational Biology

May 2017 | New Delhi

Cluster Innovation Centre

TRINITY INTERNATIONAL H.S.S

Grad. May 2015| Kathmandu, Nepal

LINKS

Facebook:// raazz123

Github:// Kera24

LinkedIn:// rajksah

Twitter:// raazzsah

COURSEWORK

UNDERGRADUATE
Algorithm

Data Structure

Operating System

Natural Language Processing

Computer System Architecture

Data Communication and Networking

Artificial Intelligence

Probability and Statistics

Data Modelling and Design

Advanced Algorithm Design

Computer Graphics and Visualization

Genomics and Proteomics

Biodefense and Bioengineering

Computational Neuroscience

Linear Programming and Game Theory

SKILLS

PROGRAMMING
Java • JavaScript • Shell • Python • C •
C++ • CSS • MySQL • TensorFlow •
Mongodb • Keras • AWS • Deep Learning
• React js • Node Js

EXPERIENCE

MICRONET INTERNATIONAL PVT. LTD. |Software Engineering Intern
06/2018 - 08/2018 | Kathmandu, Nepal
- Management Information System in Visual Basic 6.0
- Developed a software for Laure Security (a security form)
- Leveraged Knowledge: Event based programming and (DBMS)

CLUSTER INNOVATION CENTRE | Research Intern
06/2019 – 08/2019 | Delhi, India

- Gained understanding of Parkinson's diseases
- Used different Machine learning Classification Algorithm
- Used Principle Component Analysis and Explanatory Data Analysis
- Classified Parkinson's patients and non-patients on the basis of their voice recording

SENSEGRASS INC. | Machine Learning Intern
12/2019 – 05/2020 | Delhi, India

- Modeling of Nutrients needs for the Plants on the different phases of their life cycle and weather conditions.
- Tracking plants Water and Nutrients requirements
- Deploying Machine Learning models in Amazon Web Service

ACADEMIC PROJECT

MUSIC GENERATION

- Used Recurrent Neural Network (RNN) architecture
- Used different libraries (Numpy, TensorFlow, Glob, NLTK)

DEVELOPING AND DEPLOYING VIRTUAL MACHINE OVER WEB

- Virtualization of Operating System
- System Management(Overview, Logs, Services, Updates)
- WAF and RAID storage support

TASK MANAGER

- Major objective was better understanding of the concepts of Operating Systems
- Created various functions for implementation of basic functionality of Task Manager
- Implemented the simple system monitor features and represented in a GUI format

DATA ANALYSIS OF INDIAN PATIENTS LIVER DATA

- Understanding the major causes of Liver Diseases in Indian population
- Using different Machine Learning algorithms
- Predicting Liver diseases in elderly people