UTKARSH ALOK

Machine Learning Engineer

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EXPERIENCE

Training

AppliedAICourse.com

📅 March 2019 – July 2019 ⦿ Bengaluru,India

- Research and development of Neural Machine Translator from English to Hindi.
- Worked on various case studies including Classical Machine Learning and Deep Learning.
- Training and evaluation of Deep Neural Network models.
- Experience with performance analysis, optimizations and benchmark evaluations.

Assistant System Engineer

Tata Consultancy Services Ltd

📅 Sep 2017 – Jan 2019 ⦿ Chennai,India

- Worked in Retail project having knowledge of retail domain ,build schedules and monitored them.
- Experience with Supply Chain areas in retail domain.
- Experienced in project phases with Agile Methodologies which allowed direct visibility with client and empowered to estimate my work.
- Participated in Daily scrum, code review, bug creation and Sprint retrospective.
- Experience with Kanban process of working.Part of LnD within the team.

ACHIEVEMENTS

- Placed in top 40 (1723)% in INCEDO Datascience and NLP Challenge ,2019
- Placed in top 3% Participated in BrainWaves Machine Learning Challenge.
- Participated in Jharkhand Hackathon organised by Government of Jharkhand.
- Secured AIR 3033 in GATE 2019

SKILLS

C++, Python, Keras, Unix
Tensorflow,Google Cloud,Agile,DB2 ●●●●●
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TOOLS

Jira.Remedy ●●●●●

EDUCATION

- B.Tech Heritage Institute of Technology , Kolkata
  CGPA: 7.41
- Intermediate(Computer Science)
  Percentage : 87.2%
- 10th
  CGPA: 8.8

PROJECTS

Self Driving Car

- Implementation of classical machine learning models to predict the similarity between two questions sets from Quora.

Neural Machine Translator

- Incorporate the Recurrent Neural Network to create a translator that will try to convert from English to Hindi.

Taxi Demand Prediction In New York City

- Time Series based prediction of the demand for cabs in city of New York City

Amazon Apparael Recommendation System

- This is content based recommendation system which recommends similar products in e commerce using product description and Images.

Human Activity Recogniztion System

- Data collected from accelerometer and gyroscope predicting the human activity.
- Achieved accuracy of 93 % through a deep learning model to on unstructured dataset.

Facebook Friend Recommendation Using Graph Mining

- Given a directed social graph we have to predict missing links to predict friends or family..

Personalised Cancer Diagonist System

- Model designed to Classify patients who have cancer according too the analysis of Genetic variation .

Biosurveillance Using Python NLTK

- Extract the most relevant disease from the medical corpus . Symptoms are given as input.
- Used concepts like stemming,tokenizing , POS Tagging, n-grams.

Ship-Cruise Ticket Booking System

- Built a website using JSP ,bootstrap ,MySQL.Normalized Database for storing the details. Included the Admin and Booking pages.