Divay Jindal

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR AS

B.Tech in Computer Science
Expected May 2017
Cur. GPA : 8.2/10.0

LINKS

Github:// **divayjindal95**
LinkedIn:// **divayjindal**
Codeforces://**voidyeclub**
Quora:// **Divay-Jindal**

COURSEWORK

UNDERGRADUATE

Data Structure
Linear Algebra
Discrete Mathematics
Operating System Concepts

INDEPENDENT

18.06 Linear Algebra
STAT 110 Harvard
Machine Learning by Abu Mostafa
Machine Learning By Andrew Ng
CS231n CNN for Visual Recognition

SKILLS

PROGRAMMING

HANDY WITH
C • C++

Familiar:
Python • JAVA •
Linux •
Heroku (PaaS) •

Frameworks || Libraries
Spacy • OpenCV•
Pandas•Numpy•

RESEARCH AND PROJECTS

QUESTION CLASSIFIER USING SUPPORT VECTOR MACHINE

March 2016
- Solved Question Categorization problem using Support-Vector Machine
- Compared accuracy with Naive Bayes and Decision Trees.

SUDOKU SOLVER USING G.A

Feb 2015– May 2015 | Prof. K.N Das , NIT Silchar
- Designed a fitness function to solve a 1 star Sudoku problem
- Used GENETIC ALGORITHM implemented in C++
- Improved the accuracy by 1 sec.

GRAVITATIONAL SEARCH ALGORITHM WITH MODIFIED MOMENTA

May 2015 – July 2015 | South Asian University
- Based on Newtonian Gravity Principle. Implemented in C++
- Serves as a technique to solve high dimension optimization problems.
- Included the concept of momentum to move towards real life scenarios.

APP UNINSTALL PREDICTOR

Feb 2016
- Developed a plugin that predicted the probable uninstall of an app
- Used Decision Trees trained on parameters provided in the dataset
- Nodejs with express router and Mongodb were used.

EXPERIENCE

MACHINE LEARNING CONSULTANT THE SOCIAL STREET

DEC 2016 - PRESENT
- Developing a smart AI product involving Computer Vision to enhance Retail Experience.
- Detecting Faces in realtime videos.
- Gender detection over Human body Detection using feature preprocessing.

FOUNDER GYAANSAGAR NGO SILCHAR

DEC 2013 - PRESENT
- Organize 3 flagship events every year which are : Cloth Donation, Blood Donation and Food Donation.
- Headed Skill Development Programme , making students familiar with basic computing skills.

DATA SCIENCE INTERN Cube26

May 2016 – AUG 2016
- Improved the search time for a given query using word2vec.
- Using sense2vec, semantic analysis analysis was implemented in an optimized manner in order to provide the suggestion for other queries.

ACHIEVEMENTS

2015	ACM ICPC Chennai Regional
2012	International Mathematics Olympiad , Second Round
Publication	Basic Computer Application , Approved by MHRD