Ayush Sharma

✉ sharmayush9719@gmail.com ☎ +919790731152
in ayush-sharma-18bbb4127/ ⚬ Ayush9719

▶ SUMMARY

An innovative thinker, initiative taker and multi dimensional professional with exceptional logical and analytical skills possesses 3+ experience as a computer science engineer.

Seeking an challenging position to work in field of Machine Learning, Natural Language Processing and Artificial Intelligence. Also has the affinity with certain areas which include software development, computer vision, database management, etc.

▶ EXPERIENCE

Surukam Analytics Private Limited   Chennai, Tamil Nadu
Intern
Apr 2018 to Jun 2018
Worked on Legal Document Information Extraction Pipeline (a project based on Machine Learning, Natural Language Processing and Computer Vision)

▶ EDUCATION

Vellore Institute of Technology, Chennai
B.Tech SCSE 2019
Current CGPA = 8.92

Rainbow School
10 CBSE 2013

12 CBSE 2015

▶ PROJECTS

Analysis of Image Segmentation Methods   Dec 2017 to Apr 2018
Analysis on how different segmentation techniques can be applied for the detection of nuclie in cytological images. Several segmentation techniques were studied to make this process for efficient and effective.

Detection and Classification of DDoS Attacks using Machine Learning Models Dec 2017 to Apr 2018
Used the open source cloud and generated a DDOS attack dataset. This was used to predict the possibility of a DDOS attack based on the instances of various SNMP parameters using various machine learning technique like bagging, boosting and ensemble models.

Quora Question Pairing   Aug 2017 to Nov 2017
Applied machine learning techniques to classify whether question pairs are duplicates or not. This will make it easier to find high quality answers to questions resulting in an improved experience for Quora writers, seekers, and readers.

MediClo   Aug 2017 to Nov 2017
An Autonomous Cloud Integrated robot which will provide medical assistance to patients.

Intelligent music recommendation system (VIBES)   Apr 2018 to Current
An IoT project which involves working of a music system on raspberry pi controlled with hybrid applications over common android and windows devices.
This music system recommends music to the user through self generating playlist created by using machine learning algorithms.

Web Flow Aggregator (Trails)   Apr 2018 to Current
Trails is a web application that lets user visualize their web surfing sessions as dynamic maps. These maps can be viewed, searched and shared using Trails.

Hostel Complaint Box   Jul 2016 to Dec 2016
A website to collect the feedback and complaints of hostel services from the residents and helps the warden to manage these requests.

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▶ SKILLS

PROGRAMMING SKILLS
C language
C++
Python
DSA
Java
Android Studio

WEB DEVELOPMENT
HTML
CSS
Javascript
Servlet

MICROCONTROLLER
Arduino
Raspberry 3
8086 microprocessor

OTHER SKILLS
Machine Leaning
Natural Language Processing
Deep Learning

▶ COURSES

Coursera · Neural Networks and Deep Learning (Online Course)   Jun 2018
Neural Networks and Deep Learning by deeplearning.ai on Coursera with consolidated score of 100%

Indian Institute of Technology, Madras · NPTEL Online Certificate (Gold + Elite)   Mar 2018
NPTEL Online Course on Programming, Data Structures and Algorithms with consolidated score of 90%

▶ ACTIVITIES

National Service Scheme Camp · Member of NSS Club
A 7 day camp organised by NSS club, VIT chennai in a government school in Thiropurur where some community service activities were organised such as temple cleaning, awareness harmful plastic usage, medical camp, blood donation camp.