Sumit Kumar Jha

sumitkr003.github.io
sksumitkumar003@gmail.com | +91-9871878440

EDUCATION

MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY
B.Tech in Information Technolgy
Expected July 2020 | New Delhi, India
CGPA : 8.5 / 10.0

K.S.K ACADEMY
Class XII | 94.00
May 2015 | New Delhi, India
Class X | 9.4 / 10.0
May 2013 | New Delhi, India

LINKS

Github:// **sumitkr003**
LinkedIn:// **sumit-kumar-jha-4aa543133**
Codechef:// **sumit_kr_**
Hackerrank:// **sksumitkumar003**
Leetcode:// **sumitkr003**

COURSEWORK

UNDERGRADUATE
Computer Fundamentals
Data Structures and Algorithms
Database Management System
Operating Systems
Computer Networks

INDEPENDENT
Web Developer Bootcamp
Introduction to Machine Learning

CERTIFIED
Data Structures and Algorithms in Java
Neural Networks and Deep Learning
Improving Deep Neural Networks
Structuring Machine Learning Project

SKILLS

PROGRAMMING
Over 5000 lines:
Java • Javascript
Over 1000 lines:
C • C++ • Python • HTML • CSS •
Node.js
Familiar:
Mongodb • Mysql • Machine Learning •
Deep Learning

EXPERIENCE

VIZZBEE ROBOTICS | Software Engineering Intern
Jun 2019 - Present | New Delhi, India
- Developed an application to manage drones from web console and Integrated several api's.
- Integrated the application with live object and scene detection and astar algorithm for path planning.
- Worked on node.js, aws ec2, aws lambda, aws sns, mongodb and many other technologies.

BINGE DIGITAL | Full Stack Developer Intern
June 2018 – July 2018 | New Delhi, India
- Developed Dashboard for Restaurants
- Worked on html, css, javascript, bootstrap, angular, node.js, socket.io, cloud firestore, Firebase.

CODING BLOCKS | Data Structure and Algorithms Training
Jun 2017 – Aug 2017 | New Delhi, India
- Completed foundation course for data structures and algorithms in Java from the most promising institute in India.

PROJECTS

IMAGE CAPTIONING | Jan 2019 - Feb 2019
- Developed a model for automatic captioning of image.
- Used a 16-layer pre-trained VGG model for image feature extraction
- Implemented a fully connected 3 - layer network to predict captions on the basis of feature extracted.

LIVE EMOTION DETECTOR | Aug 2018 - Sep 2018
- Implemented a Convolutional neural network to predict 7 types of emotions.
- Model was trained on kaggle dataset and can predict live facial expressions using open-cv.

WEB CHAT APP | Feb 2018 - April 2018
- A web chat app made using socket.io where users can chat.
- App also shows number of online users in a room and they can also share their locations.
- Deployed on heroku and used technologies such as socket.io, javascript, html, css and other javascript libraries.

ACADEMIC ACHIEVEMENTS

- 4 star programmer on codechef.
- 5 star in problem solving on hackerrank.
- Ranked 23 out of 2700+ participants in February lunchtime on codechef.
- Qualified google codejam 2019.