Suraj Kumar

Student, NIT Warangal

I am an enthusiastic coder who loves to solve real world problems using various aspects of computer programming. I am looking for a career in development that suits my skills and helps me to polish them further, along with developing new skill sets and getting ahead in my career.

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EDUCATION

B.Tech . in Metallurgical and Materials Engineering
National Institute of Technology Warangal

08/2018 - Present   *CGPA:7.35*

High School (CBSE)
Suraj School, Rewari (Haryana)

05/2015 - 05/2017   *Score:90.40%*

Secondary School (CBSE)
Suraj School, Rewari (Haryana)

05/2013 - 05/2015   *CGPA: 9.4*

ORGANISATION

Team Nevrónas
Innovation Garage, NITW ⧉

11/2019
Nevrónas is a machine Learning research group in National Institute of Technology, Warangal, which tries to spread and embrace Machine Learning research culture in the campus.

Achievements/Tasks

- Working member of the research group 'Team Nevrónas' and an active participant in the projects and activities carried out by the team in the college.
- Mentored a team of ML enthusiasts in the college in their Machine Learning Project for the 'Call for Makers' event.
- Was a speaker and a part of the organizing committee formed for the 'Introduction to Machine Learning' workshop conducted by the team.

COMPUTER PROGRAMMING EXPERIENCE

Codechef.com
Highest Rating:1820 Best rank:169 https://www.codechef.com/users/ezio112

Hackerrank
Problem solving Points :5100 (6 stars), C++ 5 stars, Java 5 stars
https://www.hackerrank.com/surajnehra112

Leetcode
https://leetcode.com/ezio112/

SKILLS

C++   Java   Python   Data Structures and Algorithms   Android Development   Object Oriented Programming   DBMS   Elementary Machine Learning

PERSONAL PROJECTS

Android App for quick data transfer from one device to another | July 2020
- The application can connect two devices using Wi-Fi & Bluetooth and transfer data efficiently from one device to another device.
- Used Android Studio for app development (Java, XML)
- Used Google Nearby for connectivity with nearby devices.

Android App for Selective Encryption of Images | August 2020
- This app allows users to view confidential and private images in the app environment only.
- The photo is encrypted in a special manner which makes the picture a random combination of its pixels in the normal gallery of mobile phone. When opened in the application, the image is decrypted and can be seen as it actually is.
- Used Android Studio for app development (Java, XML)

Weather prediction system (11/2019 - Present)
- Used LSTM to predict the next day weather using previous 7 days data.

Web Scrapper | December 2019
- Extracts content and data from a website
- Used Python language and an open-source web-based automation tool, Selenium for the development of the scrapper

CERTIFICATES

Mathematical Thinking in Computer Science ⧉
Course by Coursera

Neural Networks and Deep Learning ⧉
Course by Coursera

ACHIEVEMENTS

Achieved 1st rank in NITW in the competitive coding challenge organized by ACM (Association for Computing Machinery), NITW (02/2020)

Achieved 6th rank in mock internship experience coding competition conducted by CSE Association, NITW (02/2020)

Secured 3rd rank in NITW in Google Hash Code challenge (2020)

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Urdu
Full Professional Proficiency

INTERESTS

Reading Books   Computer Gaming   Music   Poetry