Panjab University

ARUSHI SHARMA
B.E - Information Technology
Ph: +91-8650505400
Email: 97arushisharma@gmail.com
160014 , Chandigarh, INDIA

BRIEF OVERVIEW / CAREER OBJECTIVE / SUMMARY

I seek to work in the field of IT and integrate it with the real life problems in a way that works as an aid for the society. I wish to incorporate my knowledge with the requirements of the organisation in order to bring out the lurking flaws of human economies and ameliorate the present conditions.

KEY EXPERTISE / SKILLS

Big-Data   Hadoop   Java   Android-Development   Power-Point   MySQL   Data-Analysis   C++

EDUCATION

University Institute Of Engineering & Technology   2015 - 2019
B.E - Information Technology | CGPA: **8.95 / 10.00**

St. Ann's Senior Secondary School, Roorkee, Roorkee   2015
12th | CBSE | Aggregate: **94.80 / 100.00**

St. Ann's Senior Secondary School, Roorkee, Roorkee   2013
10th | CBSE | Aggregate: **95.00 / 100.00**

AWARDS AND SCHOLARSHIPS

- Merit Award in Class X CBSE Board

INTERNSHIPS

Design and Innovation Centre, UIET, Panjab University   Jan. 15, 2018 - May 30, 2018

Key Skills: Web-Scraping   Natural-Language-Processing   Python

The project theme was Code Switching under which we have worked on twitter data analysis using NLTK in Python for the translation of a sentence in mixed languages to a single language(Normalization).

Design and Innovation Centre, UIET, Panjab University   June 1, 2017 - July 1, 2017

Key Skills: Android   Java   Google-Firebase

Created a professional android app for BLOOD DONATION using Android studio which involved the knowledge of Java and XML. We have also created the application backend using Google Firebase database.

PROJECTS

Detecting DDoS attacks using Hadoop   June 15, 2018 - Nov. 15, 2018
Mentor: Dr. Krishan Kumar Saluja | **Team Size:** 3

Key Skills: DDoS   Hadoop   Wireshark

Working on a project that involves detecting DDoS flooding attacks on a system by monitoring the network behaviour and processing using hadoop.

News Portal   March 1, 2018 - April 9, 2018
Mentor: Self | **Team Size:** 3

Key Skills: Python   Flume   Hadoop   Data-Analysis

Created a news portal that collects the articles from various news website related to the searched keywords and displays the summarised result on the portal. The result is processed using MapReduce in python.

English-Hindi Mixed Language Translator   Jan. 15, 2018 - May 30, 2018
Team Size: 3

Key Skills: Python   NLTK

This project involved a desktop application created in python that converts the English-Hindi mixed sentences(including the romanized form of Hindi) into complete English sentence.

Performance Analysis of Big Data Storage Techniques   Dec. 1, 2017 - May 30, 2018
Team Size: 3

Key Skills: MongoDB Hadoop MySQL Java Spark

This research project involved the comparison of the performance of various Big Data storage techniques used these days, on the basis of time and storage capacity. The various tools used are HDFS, Spark, MongoDB, MySQL, etc.

Red-Aid
June 1, 2017 - Jan. 1, 2018

Mentor: Dr. Naveen Aggarwal | **Team Size:** 3

Key Skills: Android Java Google-Firebase

Created a professional app for BLOOD DONATION which is now on Google Playstore by the name Red-Aid (Link: https://play.google.com/store/apps/details?id=com.DIC.RedAid.Application).

Online Transaction System
Aug. 20, 2016 - Dec. 25, 2016

Team Size: 2

Key Skills: SQL Java

An Online Transaction System in Java Eclipse that stores the user transaction information in SQLite database and shows the account details of the user after the transactions.

ACHIEVEMENTS

- Impact Award in HackSprint v1.0 organised by Design and Innovation Group, UIET.

SEMINARS / TRAININGS / WORKSHOPS

Network Security
Feb. 20, 2018 - Feb. 21, 2018

Institute Name: UIET, Panjab University

Key Skills: Network-Security

Learned the basics of network security. Conducted by Mr. L.S Chhabra, founder of CyberDefenceIntelligence, we were taught some basic login bypassing tricks and what exactly hacking is.

Hadoop Workshop
Feb. 22, 2017 - Feb. 22, 2018

Institute Name: UIET, Panjab University

Key Skills: Hadoop

Learned Hadoop installation and the basics of Hadoop.

Core Java Training
Aug. 20, 2016 - Dec. 24, 2016

Institute Name: NICT

Key Skills: Java SQL

Learned Core Java with a minor project involving the use of Java Eclipse IDE and connectivity to the SQLite Database to create the desktop application.

CO-CURRICULAR ACTIVITIES

- Participated in HackInTheNorth 2.0 at IIIT Allahabad
- Participated in Rajasthan IT-Day Hackathon 2018
- Participated in the Grand Finale of Smart India Hackathon 2018

EXTRA CURRICULAR ACTIVITIES

- Organising Committee member of Goonj 2016- Cultural Fest of UIET

WEB LINKS / IMs

- Skype - arushi.sharma227
- LinkedIn - https://www.linkedin.com/in/aru-sha4/
- Github - https://www.github.com/97arushisharma