

AANCHAL SINGH

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EDUCATION

Institute of Engineering Technology, Lucknow(U.P.)

Bachelor of Technology in Computer Science

August 2017 - July 2021

Overall GPA: 8.0/10

TECHNICAL PROJECTS

Real-time detection of Malicious Webpages using Machine Learning

Feb 2019 - Mar 2019

Dept. of Atomic Energy, Govt. of India, 6 Member Team

- Designed an **extension** for a product from scratch to detect if any URL is malicious or safe in real-time. **Deployed crawlers** on colab to scrape data for more than **600,000 URLs** and a machine learning model to achieve an accuracy of **93.63** with front-end interface developed as **browser extension and web-app** and back-end developed as **REST-API**.

Fetching Hotel Details

July 2019

Web Scraping, Python

- **Python scripts** that allows downloading agents' names of various hotels and related details especially their phone numbers for a particular place from **JUST DIAL**.

Rock Paper Scissor Game

April 2019

Game, Python

- In this game user gets the first chance to pick the options among **Rock, Paper, Scissor** then the program selects from the remaining two choices (randomly) and the winner is decided as per the rules. Used **randint()** inbuilt function of Python for generating random value within given range.

ACADEMIC ACHIEVEMENTS

- Successfully qualified for the offsite round of **Wintathon 2020, LinkedIn**, hosted by LinkedIn for women and reached as the finalist among the **top 60** out of **2500+** participants after cracking the coding and ideation round held in Bangalore.
- Qualified for **Snackdown 2019- Online Elimination Round** among **top 563** all over the world.
- Qualified for final offsite round of **Smart India Hackathon 2019**, (Software Edition), hosted by M.H.R.D. A.I.C.T.E. and ranked among the **top 4 teams all over India** held in Nagpur, Maharashtra.
- Active competitive coder on various platforms like: **Codechef**, **spoj**, **Codeforces** and solved **300+** problems.

TECHNICAL STRENGTHS

Areas of Interest

Data-Structures and Algorithms

Computer Languages

C/C++, Python, Java

Technologies

Web Scraping, Git, HTML, CSS, Tkinter, Javascript, Micro-services

Operating System Used

Windows, Ubuntu, Mint