SUBHASH GUPTA

github.com/subhashgupta +91-9120966698 linkedin.com/in/subhashgupta subhashgupta1591@gmail.com

Education

University of Allahabad 2020 — 2024
Bachelor of Technology in Computer Science & Engineering *CGPA: 8.3*

Coursework

Courses: Object-Oriented Programming, Data Structures & Algorithms
Certification:

- Python for beginners (**Sololearn** & **Udemy**) and Python Core on **Sololearn**
- I have earned my fourth star on the Python badge on **HackerRank**
- Supervised Machine Learning: Regression and Classification (**Coursera**—**Stanford**)
- **Google Digital Unlocked** Certification

Experience

Competitive Programming Club — [E-Code], JKIAPT | *Member* May 2022 – Present
Involved in the club centered around Competitive Programming which also held weekly coding classes

Tutoring | *Tutor* July 2020 – 2021
I have taught Mathematics to some students of 8th and 10th class during Covid times.

Projects

Prediction of Election | *Python, ML Algorithms, Jupyter notebook, Git/GitHub, Twitter Data* March 2024

- Sentiment analysis of Twitter data can provide valuable insights into public opinion and attitudes towards political candidates and issues
- By analyzing the sentiment of tweets related to elections, it is possible to predict the potential outcome of the election based on the overall sentiment towards the candidates
- Utilizing machine learning algorithms, sentiment analysis models can accurately classify tweets as positive, negative, or neutral, enabling the extraction of valuable information for election prediction

Random Password Genrator | *Python, Git/GitHub, VS Code* May 2023

- Implement user-defined parameters such as length and character types (e.g., uppercase, lowercase, digits, symbols) to customize password strength and complexity
- Ensure password security by avoiding predictable patterns or easily guessable sequences, incorporating randomness in both character selection and order
- Provide user-friendly interfaces such as command-line prompts or graphical user interfaces (GUIs) for ease of interaction and accessibility

Youtube video downloader | *Python, Jupyter notebook, Git/Github* Aug. 2022

- Developed Python-based YouTube video downloader application
- Implemented user-friendly interface allowing easy input of video URLs and selection of desired quality/format
- Incorporated robust error handling and progress tracking for seamless downloading experience

Achievements

- I have passed GATE examination for Computer Science and Engineering in the year 2024
- I got 4th star on the Python on HackerRank

Technical Skills

Programming Languages: Python, C, C++ ——————**Web Technologies**: HTML, CSS
Tools: Jupyter notebook, VS Code, PyCharm ——————**Python Libraries**: Numpy, Pandas