

ABHINAV SHARMA

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Education

National Institute of Technology Delhi

June 2019 – Present

Bachelor of Technology in Computer Science

Delhi, Delhi

Major Elective: Machine Learning

Projects

Community Finder | *Python, Django, SQLite, React*

September 2022

- Developed a web app where people can dive into their interests and hobbies by joining a community of interest.
- Users can join an existing room by searching for a specific topic or create a new room
- Implemented user authorization using **OAuth 2.0 protocol** in Django.

Photo Caption Recommender | *TensorFlow, NLTK, NodeJS*

January 2022

- Created a **RESTFUL API** in NodeJS which recommends an appropriate caption based upon the subject.
- The model is preprocessed and trained on 8000 photos with captions.
- The uploaded Photo is then processed for subject identification using the CNN algorithm.

Indian States Guessing Game | *Python, Tkinter*

August 2021

- Built an educational **GUI** game for a local school.
- The Player has to answer the name of the state which will be asked in a random order every time.
- One has to guess all the states within a certain time frame and try to beat the max score.

Experience

Conroy India Technologies

June 2021 – August 2021

Software Developer Intern

Delhi, Delhi

- Wrote python scripts to automate the data entry process.
- Used web-scraping to automate updation of over 20,000 business descriptions of publicly traded company.
- Tech Stack: *Python, Pandas, BeautifulSoup*

Extracurricular

Robin Hood Army

Spring 2020 – Present

Member

- Volunteer based, zero-funds organization which serves the less fortunate sections of society in cities across India.
- Organized several Blood Donation Camps, Clothes Donation Drives, Disaster Relief fund collections.

Hacktoberfest 2021

October 2021

participant

- Successfully Merged 5 pull requests
- Wrote a *tutorial* to help beginner better understand basic concepts of JavaScript.
- Promoted members to work towards goals that improve and promote open source community service.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Vim, Git, GitHub

Technologies/Frameworks: Linux, React, Django, Docker, Nginx

Soft Skills

- Time Management
- Communication
- Leadership
- Teamwork
- Problem Solving