Ankit Kumar Srivastava

☎ 7355385816 | ✉ ankitviddya@gmail.com | in | ⚙

EDUCATION

Galgotias College Of Engineering And Technology Greater Noida, India
Bachelor of Technology in Computer Science, Secured an aggregate of 8.76 CGPA. *Aug. 2018 – July 2022*

S.D.A. Inter College Bahraich, India
Indian School Certificate Examinations, Secured an aggregate of 89.25 percentage. *Aug. 2016 – June 2017*

PROJECTS

Mixed Lyrics Generation | *Python, M.L. , D.L. , N.L.P. , Git, Google Colab* January 2021 – March 2021
- Developed working model using LSTM layers and MIDI files of piano which generates lyrics of various rhythm
- Data processing and feeding it to LSTM cell and thereby extracting features was the main task
- Did MIDI file to textual data conversion and categorical data distinction using stemming and lemmatization
- The sequential model fed with 100 inputs(3D) after normalization for values between 0 to 358
- Text again converted back to MIDI sound file with variable offsets of the timeline (0.5-0.8 units for each prediction)
- Trained the model for 100-200 epochs for more melodious results
- View Project

Image Captioning | *Python, M.L. , D.L. , N.L.P. , Git, Google Colab, Transfer Learning* April 2021 – May 2021
- Developed image captioning deep learning model using Flickr8k dataset which predicts caption for images
- Dictionary to Map each Image with the list of captions it has and lemmatized them. Also normalised images
- Did image feature extraction by training outer layers of ResNet50 and obtained encoding for images
- After text generation word is greedily selected from encodings and caption with max probability is displayed
- trained upto 300 epochs on colab to improve accuracy from 75.2 percent to 91 percent
- View Project

ACHIEVEMENTS

- Secured a rank of 954 at google codejam qualification round 2021 and made it to round 1C.
- Secured a global rank of 2296, 1314 and 594 at google kick start Round C, D and E 2021 respectively.
- Secured All India Rank 269th in CodeKaze organized by Coding Ninjas.
- Completed Hacktoberfest challenge 2020 by contributing to the codebase of TwoWaits, and some local repositories
- Secured Global Rank 94th among participants at Credit Suisse Global Coding Challenge 2022.
- Secured 780th rank at Codeforces Round 720 (Div. 2) and 402nd rank at Codeforces Round 728 (Div. 2).
- Highest rating of 1816 at Codeforces.
- Infosys Certified Software Programmer through InfyTQ examination.

INTERNSHIP AND COURSES

- Worked as Software Engineer Intern at ZScaler where I applied the core concepts of networking and network security practically and learnt the main use of ssh and GRE tunneling(Jan. 2022 - Aug. 2022).
- Teaching Assistant at coding ninjas where I resolved more than 500 doubts and evaluated 25 Web Development projects(Jul. 2021 - Jan. 2022).
- Did a Competitive Programming course from Coding Ninjas where I solved 250+ problems.
- Did a course on Data Science from Coding Blocks where I worked on various major projects.

SKILLS

- Web Development,Javascript, React JS, Springboot, bash/shell, Express, Bootstrap, Git, OOPs
- C, C++17, C Sharp, Java, Python, Node.js, Flask, MySQL, MongoDB, PHP, Linux and Data Science

PROFILE

- Codechef
- Leetcode
- Codeforces
- GEEKSFORGEEKS
- HackerRank