




Sudhanva M Athreya

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Education

Reva University

BTech Computer Science (GPA : 9.2)

2020 – 2024

Bengaluru , India

Professional Summary

CS Student who's interested in tech and math. Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals. Ready to tackle strenuous projects by coming up with esoteric and abstruse ideas.

Experience

Tata Elxsi

NLP Intern

Jul. 2022 – Oct. 2022

Bengaluru, India

- > LMS Recommendation System - Built a recommendation system for Tata Elxsi LMS platform. The recommendations are made using NLP algorithms using user watch history data from NoSQL db and displayed in the form of ReactJS cards.
- > VideoPeek - Software which mimics Google SERP by providing timestamps for LMS courses using semantic search.

Reva University

Research Intern

Jul. 2021 – Present

Bengaluru , India

- > Doing optimization , debugging & testing code
- > Helping professors write and paraphrase their papers & articles.

Personal Projects

DS-Checker

- > A document similarity checker which checks for plagiarism.

Big Lens

- > A google-free Google Lens opensource clone which makes use of yandex , tineye , bing and other image search services.

Research Publications

Using Deep Learning Techniques to Evaluate Lung Cancer Using CT Images

- > <https://doi.org/10.1007/s42979-022-01587-y>

Skills

Languages C , Python , R , C++ , JAVA , HTML , CSS , PHP , JS , x86 , bash , powershell , nodeJS , ReactJS , SQL , NoSQL , C , MATLAB

Frameworks & Tools TensorFlow , Spacy , Keras , PyTorch, Flask , pandas , haystack , docker , kubernetes , git , MS Access , Eclipse , Netbeans , MS Visual Studio , emacs , Avid Linux/BSD user (Gentoo, Arch , OpenBSD) , Jupyter , Google Colab , Firebase , AWS

Linguistic Skills

- > 1. English - Full professional proficiency
- > 2. Japanese - Limited working proficiency

Extracurricular

SIEMENS Shift healthcare hackathon finalist (2022)

- > Built a disease predicting , hospital room allocation & queuing model.

1st Place in Inter-department Reva Chess Tournament