

Ayush Sharma

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LINKS

GITHUB github.com/ayushs2k1

LINKEDIN linkedin.com/in/ayush-sharma-980781187/

CODECHEF codechef.com/users/ayushs_2k1

LEETCODE leetcode.com/ayushs_2k1/

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY | BACHELORS COMPUTER SCIENCE

Vellore

GPA: 8.78

EXPERIENCE

INDIAN INSTITUTE OF TECHNOLOGY | RESEARCH INTERN

Kanpur, India | Mar 2020 – Jun 2020

- Worked under Prof. L Behera and lead a team of 4 people for a period of 90 days. Presented a research paper on the comparative analysis on efficiencies of variants of convolutional neural networks based on Image Classification on the ImageNet Dataset.

VIT LEO CLUB | CORE COMMITTEE MEMBER

Vellore, India | Sep 2020 – Present

- Organized several cultural events and took multiple interviews with renowned personalities. Distributed essentials to nearby villages and orphanages on a monthly basis.

SKILLS

PROGRAMMING LANGUAGES C++, Python, Java, SQL, HTML, CSS, Javascript

LIBRARIES/Frameworks Scikit-Learn, Tensorflow, Pytorch, Keras

TOOLS / PLATFORMS Amazon Web Services, Github, Jupyter Notebook, MATLAB

DATABASES MongoDB, Oracle Live SQL

PROJECTS / OPEN-SOURCE

TECHNICAL REVIEW TOOL | HTML, CSS, JAVASCRIPT, BOOTSTRAP, NODE.JS, EXPRESS.JS, REDIS, MONGODB

github.com/ayushs2k1/Technical-Review-Tool

Created a web application that facilitates the software development teams to record and track the technical reviews conducted during software development.

MULTITHREADED DOWNLOAD MANAGER | JAVA

github.com/ayushs2k1/Multithreaded-Download-Manager

Created a download manager to improve the download speed with the help of more core processors using multithreading.

ROAD CONSTRUCTION USING HIGHWAY PLANNING AND OBSTRUCTION PREVENTION | C

github.com/ayushs2k1/Operating-Systems-Project

Prioritizing and scheduling the road construction using Dijkstra's and CPU Scheduling algorithms respectively, avoiding dead-lock due to lack of resources, and providing a safe sequence for the same using Banker's.

TRAVEL EASY | HTML, CSS, JAVASCRIPT, PHP, MYSQL github.com/ayushs2k1/TravelEasy-DBMS-Project

Implemented and gave a detailed overview of the database management system used to facilitate the process of a tourism website.

HONORS & AWARDS

- Ideathon 2019 Finalist at VIT
- Global Rank 1302 in February Challenge 2021 on Codechef
- AWS Cloud Practitioner
- Google Cloud Certified Professional Cloud Architect