Anuj Babhulgaonkar

A software engineering fresher with great interest in domains like Algorithms, Machine Learning,Web development.
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EDUCATION

Bachelor of Technology (B. Tech.) in Information Technology Dec, 2021 - June, 2024(Expected)
Government College Of Engineering, Aurangabad 9.38

Diploma in Computer Engineering July, 2018 - August, 2021
Government Polytechnic, Aurangabad 95.24

SKILLS

Data Structures and Algorithms |Algorithm Development | Object Oriented Programming | Operating Systems| Linux Kernel | Transformers (Deep Learning model) | Deep Learning | Computer Vision | Java | C++ | C | Python(Scripting language) | SQL | NoSQL | Firebase| JavaScript | ReactJS | Servlet | JSP | HTML | CSS | Git | Distributed Databases | Computer Architecture | RESTful API | TensorFlow | Pytorch

PROJECTS

Image Captioning by Dataset Augmentation

- End to end transformer-based Encoder-Decoder architecture
- Uses Vision Transformer as an Encoder and Generative Pretrained Transformer (GPT) as a Decoder
- Trained over more than 8.5K image containing images from Flickr8K dataset and few augmented images from Flickr8K

Real-time Object Detection using YOLO-v3

- Developed a Python project for performing object detection task at the speed of 45 fps
- Used Darknet architecture

Hashit- Sentiment Tracking Tool

- A Python based, Real-time Tweets' sentiment tracking tool for an analysis of a particular topic
- Developed using Bagging strategy of Ensemble Method
- Used TweePy module to fetch real time tweets from Twitter

Multi-language IDE

- Implemented a Servlet based IDE for execution of multiple languages like C, C++, Java
- Used a file handling mechanism to deal with files of different extensions
- Utilizes a HTTP request to initiate an API call to allow a file to execute

Number Conversion System

- Designed and developed a mini project using C++, which uses Inheritance and Polymorphism for better readability and data abstraction

COURSES & CERTIFICATIONS

Deep Learning by NPTEL (IIT, Madras)

- Completed a course by Prof. Mitesh Khapra, secured 83% (Elite + Silver) and learnt Feedforward Neural Networks, Recurrent Neural Networks and Encoder-Decoder Architectures

Large Language Models by AI4Bharat

- A course by research department of IIT, Madras.

Convolutional Neural Networks by Deeplearning.ai
Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization by Deeplearning.ai

Roles & Responsibilities

Class Representative (08/2022 - 06/2024)

Class Lead (07/2018 - 05/2019)