

ADI AWASKAR

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Education

Veermata Jijabai Technological Institute

Bachelor of Technology in Information Technology

Jan 2022 – current

Mumbai, Maharashtra

Prakash college of Commerce and Science

Maharashtra State Board of Secondary and Higher Secondary Education

August 2020 – March 2022

Mumbai, Maharashtra

Dr. Sarvepalli Radhakrishnan International School

Maharashtra State Board of Secondary and Higher Secondary Education

June 2010 – March 2020

Mumbai, Maharashtra

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Discrete Mathematics
- Computer Architecture
- Software Methodology
- Database Management
- Systems Programming

Projects

Decentralized NFT Marketplace | Solidity, Javascript, React

January 2024

- Implemented a decentralized marketplace leveraging Web3 technology.
- It aimed to create a secure and transparent online platform for peer-to-peer transactions.
- Involves smart contract development, integration with blockchain networks, and ensuring a user-friendly experience for participants.

License Plate Detection | Python, OpenCV

December 2023

- Developed a robust license plate detection system in Python utilizing the YOLO (You Only Look Once) real-time object detection algorithm.
- Involved dataset preparation by collecting and annotating a diverse set of images with labeled license plates.
- Configured YOLO with appropriate parameters for license plate detection, fine-tuned the model through training on a labeled dataset, and achieved optimal performance.

GPGPU with CUDA | CUDA C/C++

September 2023

- Developed and implemented CUDA-accelerated convolution algorithms, resulting in significant speed improvements compared to traditional CPU-based methods.
- Conducted thorough benchmarking and profiling of CUDA-accelerated convolution algorithms to assess their time efficiency and performance characteristics.

Technical Skills

Languages: Python, Java, C++, HTML/CSS, JavaScript, Solidity

Developer Tools: VS Code, IntelliJ IDEA, Google Colab

Technologies/Frameworks: Linux, GitHub

Leadership / Extracurricular

Community of Coders

November 2023 – Present

Member

VJTI

- * Developed a project under the guidance of seniors
- * Conducted mentorship programmes and workshops for juniors

Society of Robotics and Automation

2023 -2024

Member

VJTI

- * Developed a project under the guidance of seniors

Technovanza

2022-2023

Department Coordinator

VJTI

- * Was a part of Technovanza FY Committee
- * Participated in ensuring the smooth execution of the event throughout