

Dhruv Tyagi

GitHub

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EDUCATION

HBTU,KANPUR

B.TECH IN ELECTRICAL ENGINEERING

2024 | 5th Sem

Y GPA: 7.57

RAINBOW SCHOOL

INTERMEDIATE

2019 | CBSE

94.6 percentage

HIGH SCHOOL

2017 | CBSE

9.8 cgpa

LINKS

Github:// Dhruv-0001

LinkedIn:// Dhruv Tyagi

Gmail:// dhruvtyagionly1@gmail.com

SKILLS

PROGRAMMING

- Python • Opencv • Mediapipe
- Scikit Learn • Streamlit • MySQL
- Sql • Database • Git-Github
- Mindsphere • Tkinter • Aws

Familiar:

- Machine Learning • PLC Programming
- Data Structures And Algorithms

CERTIFICATES

- Python HackerRank Certification
- SQL(Intermediate) HackerRank Certification

SOFT SKILLS

- Basic Mechatronics Training | MIT, Aurangabad
- Soft Skills Training by Growth Center | Mumbai

EXPERIENCE

SIEMENS | RESEARCH AND DEVELOPMENT INTERN

June 2022 - August 2022 | Kalwa,Mumbai

- Created a **workplan for the Automation of labs**. In this an **API** of labs was created using **Mind Connect IOT module**.
- Made a prototype application on **Mindsphere cloud using Mendix**.
- Did PLC programming of labs on **LOGO and TIA portal software** and learnt about the working of various Type Testing labs.
- Project GitHub Repository:// **Reimagined-System**

PROJECTS

SHOE HYPE

- This is a website which recommends shoes and buying options on the basis of the input image provided by the user.
- This is a **CNN Based Recommender System which uses RESNET** for features extraction. It uses Scikit Learn for finding recommendations
- Worked with **python, Opencv, Scikit Learn, ResNet, Streamlit**
- Website Link:// **Shoe Hype** | GitHub Repository:// **Shoe Hype GitHub**

POSE DETECTION

- This is a Mediapipe based project which **detects and predicts the poses**.
- It manipulates the landmarks of the body and detects the poses which it have been trained for.
- Worked with **python, Opencv, Mediapipe, Scikit Learn**
- GitHub Repository:// **Pose Detection**

ACHIEVEMENTS

SIEMENS SCHOLAR

- I am honoured to be selected as a Siemens Scholar . In this only **top 200 candidates from India** are selected after rigorous selection process. **Siemens Scholarship** Program based on the German dual education system aims to make youth industry-ready engineers and launch a sustainable career with purpose.

EXTRA CURRICULAR ACTIVITIES

CO-SECRETARY, ALUMNI ASSOCIATION HBTU

- Organized Alumni Meet with Mr.President as our chief guest on the centennial celebration of HBTU.
- **SKILLS-** Leadership, Alumni Relations, Team Management, Technical Leadership, Communication Skills

TECHNICAL WRITING

- Written some articles on Emerging Technologies including **Nano Diamond Batteries, Metaverse**, etc.