

Dhruv Tyagi

GitHub | Portfolio
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EDUCATION

HBTU,KANPUR

B.TECH

Electrical Engineering
 2024 | 5th Sem
 YGPA: 7.57

RAINBOW SCHOOL

INTERMEDIATE

2019 | CBSE
 94.6 percentage

HIGH SCHOOL

2017 | CBSE
 9.8 cgpa

LINKS

Portfolio:// [Portfolio](#)
 Github:// [Dhruv-0001](#)
 LinkedIn:// [Dhruv Tyagi](#)
 Gmail:// [dhruvtyagionly1@gmail.com](#)

SKILLS

PROGRAMMING

Languages:

- Python • C++ (Basic)

Technologies:

- Machine Learning • Deep Learning
- Scikit Learn

Stack:

- Streamlit • Git-Github • Tkinter

Database:

- SQL • DBMS
- MySQL • MongoDB

Cloud:

- Google Cloud • AWS • Mindsphere

Familiar:

- PLC Programming
- Operating System
- Data Structures And Algorithms

CERTIFICATES

- Python HackerRank Certification
- SQL(Intermediate) HackerRank Certification
- Data Science 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** and did PLC programming of labs on LOGO and TIA portal software
- Project GitHub Repository:// [Reimagined-System](#)

UNICOFY | WEBSITE DEVELOPER

HBTU|College Based Startup

- It is a startup based on Indian government scheme **ODOP** which aims to increase the selling of Famous Products of Every District.
- Working on collecting data and building a **product and gift recommendation system**.

PROJECTS

SHOE HYPE

- This is an website which is a **CNN Based Recommender System which uses RESNET** for features extraction. It uses Scikit Learn for finding recommendations and buying options for user.
- 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.
- 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 for German dual education based Scholarship program.

EXTRA CURRICULAR ACTIVITIES

CO-SECRETARY, ALUMNI ASSOCIATION HBTU

- Organized and Managed **Alumni Meet** with **Mr.President** as our chief guest on the centennial celebration of HBTU.
- Working on Building a **Job Portal** which will provide **placement and internship opportunities to students**.

TECHNICAL WRITING

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