

Ghanashyam Bhat

Student of computer science and Engineering

Enthusiastic about learning each and every step of the software development life cycle. Eager to learn new technologies and methodologies. Always willing to innovate new things which can improve the existing technology.



CONTACT

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EDUCATION

PES University

B.Tech in Computer Science and Engineering

CGPA - 8.97 2020-2024

SKILLS

- Python
- Flutter
- IoT
- Applied Machine Learning
- Data Science
- Microsoft Excel
- Cryptography
- C Language
- Research
- NextJs
- Git and GitHub
- Web Development
- ROS
- Network and Security

PROJECTS

Emergency Fire Evacuation System

In this Industry 4.0 project, IoT technologies are used for indoor positioning and environment monitoring; a Firebase database with a Python-based server that calculates the best evacuation route; a Flutter app to request emergency assistance and display evacuation routes for victims, as well as the positions of victims for firefighters.

Gaze-Guided Wheelchair using OpenCv

Using Dlib, tracked the eye movements to control the UI and the wheelchair with PySerial. The HTML5 UI is combined with Python code on the backend. Using Ultrasonic sensors and force sensors, as well as Bluetooth technology for remote control, the project's hardware detects and avoids obstacles.

Exploratory Data Analysis

Using the world happiness index dataset for data analysis and prediction

EXPERIENCE

Research Intern

DaoLens (October 2022 - Present)

Working on research and articulation of information related to existing DAOs for the development of tool

Android App Development Intern

Interra - Cisco thingQbator (August 2022 - October 2022)

Worked as full stack android developer using flutter and firebase

Machine Learning Intern

Centre of Data Science and Applied Machine Learning - PES University (June 2022 - July 2022)

Under the supervision of a professor in the department of data science and applied machine learning, I worked as a machine learning research intern.

ACHIEVEMENTS

Winner of CDSAML Hackathon

July - 2022

We won the two-day offline hackathon for "Profile Picture Analyzer using Computer Vision", in which we generated our own dataset and trained our machine learning model.

Winner of Robofest

November - 2021

Winner of Robotics 24 hour offline hackathon's Open Innovation division

Successfully completed Datathon-1 and Datathon - 2

October- 2021 and April - 2022