

# SUVIGYA BISHT

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## Education

### Graphic Era University

Bachelor of Technology in Computer Science

2022 – 2026

Dehradun, Uttarakhand

## Relevant Coursework

- Data Structures
- Complexity analysis
- Algorithms Analysis
- Database Management
- Operating Systems
- Object Oriented(OOP)
- Machine Learning
- Computer Architecture

## Projects

### Liveliness Detection System | *Python, OpenCV, Pycharm*

June 2024

- Developed a Python-based system to verify real-time human presence behind the camera.
- Processed frames, split data, and labeled data with custom scripts to enhance accuracy and efficiency.
- Created a comprehensive dataset from scratch, comprising over 8,000 images to train the detection model.
- Achieved an accuracy rate of 85/100 on testing data, demonstrating the effectiveness of the system.

### Fake News Detection System | *Python, Google Colab, HTML, CSS*

January 2024

- Built FakeNews web app with Flask to detect and classify fake news with 94% accuracy.
- Trained models using Decision Tree, Gradient Boosting, Logistic Regression, and TF-IDF vectorizer.
- Enabled features to verify news authenticity, view recent fake news, and report suspicious articles.
- Achieved seamless user interaction with intuitive UI and real-time classification results.

### 8085 Simulator | *C++, Standard Template Library, Sublime Text*

October 2023

- Designed an 8085 microprocessor simulator in C++ with comprehensive functionalities.
- Implemented essential features such as flags and registers.
- Added a debug mode to enhance usability and efficiency.
- Utilized in university courses for teaching and practical demonstrations.

## Achievements

- Solved over 450 algorithmic challenges on various coding platforms.
- Engaged in a 24-hour Graph-a-Thon coding competition.
- Participated in a 24-hour Hack-o-Holic coding challenge.

## Skills

**Languages:** C++/CPP, Python, Java, C, HTML, CSS, JavaScript, SQL, React, PHP

**Developer Tools:** VS Code, Eclipse, Google Colab, Sublime Text

**Technologies/Frameworks:** Linux, GitHub

**Soft Skills:** Analytical Thinking, Problem Solving, Logical Thinking, Quick Learner, Abstract Thinking

## Certifications

- Looker Studio Bootcamp (certified by Lets Upgrade). [Link](#)
- Google Sheet Bootcamp(certified by Lets Upgrade). [Link](#)
- HTML5 Bootcamp(certified by Lets Upgrade). [Link](#)
- Python Libraries(certified by Lets Upgrade). [Link](#)