# **Vineet Goswami**

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## Education

# **Graphic Era Hill University**

Bachelor of Technology in Computer Science and Engineering, (8.9/10)

#### **Doon Public School**

Intermediate,

Bhimtal, Uttarakhand *Aug/2021 – June/2025* Haldwani, Uttarakhand *April/2020 – May/2021* 

# **Personal Projects**

# Face Recognition and Attendance Monitoring System | Python, OpenCV

- Developed a face recognition system that use faces of the individual to mark their attendance onto an excel file using Linear SVM with an accuracy of 93%.
- Database is stored in cloud and fetched from cloud so it can be applied in camera with no management of hardrives.
- Each time the face is detected number of present and last time seen is updated, after every 24 hrs.

**Multiplayer Chess Website With Live Videocall and anti-Cheating Feature [on progress]**| Tailwind, CSS, JavaScript, React, Open CV

- Developing a multiplayer chess site where players can videocall each other and AI-Model will inspect whether any unfair mean is used during a match (currently working on more features).
- This is a hybrid model where user will be monitored in competitive mode and can play simple game too.
- Eye tracing is used during competitive mode and switching tab is monitored along with background sound will be monitored.

#### **Shopping Site Comments Sentiment Analysis Model** | Python

- developed a model which can identify whether a comment is positive or negative.
- This model gives only two types of review good or bad, as accuracy is achieved more on these two so we removed the average reviews from datasets.

## Industry level contribution | python/Open CV/Yolo

# contributed on a project to find the speed of vehicle on the road through data taken from drone

- We processed the video taken from drones to find the speed of the vehicle.
- We did this by locating the vehicle position at every frame then calculated z-index.
- For isolation of every vehicle we maintained a unique id for them providing better outcome.

#### **Technical Skills**

Languages: C/C++, Java, Python, HTML, CSS, Typescript, Javascript, MySql, Kotlin.

Frameworks: Node Js, Next Js, Three Js, Spring Boot, Angular, Node JS, React, Express, Vue, Ember Js, TensorFlow.

**Developer Tools**: Git, Docker, VS Code, Intellij, Eclipse.

# **Achievements**

**Leetcode:** 300+ problems solved and top 18% on the platform. <u>Profile Link</u>

# **Position of Responsibilities**

**Mentor**: Appointed as the Mentor of WE-CODE and taught 1000+ students about Data Structure.

**School Captain**: Appointed as the School Captain at Intermediate .