

VAISHNAVI VIRAT DAVE

SOPHOMORE, Electronics & Communication, Indian Institute of Technology Roorkee

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EDUCATION

Indian Institute of Technology, Roorkee (IITR)

📅 November 2021 – Present 📍 CGPA : 9.556/10

Senior Secondary Education, GSEB

📅 2021 📍 Percentage : 94%

Secondary Education, GSEB

📅 2019 📍 Percentage : 95.83%

ACHIEVEMENTS

- **Syntax Error 2022:** 2nd price in the Freshmen Front
- **SHE scholarship by INSPIRE:** I was awarded this scholarship by the Government of India for being among the top 1% of the state in the HSC exam
- **JEE Advanced (2021):** Secured an All India Rank of **3389**
- **JEE Mains (2021):** Secured an All India Rank of **1482** and a 100 percentile in physics
- **KVPY (2021):** Secured an All India Rank of **60**
- **NEST (2021):** Secured an All India Rank of **319**
- **IAT (2021):** Secured an All India Rank of **195**
- **NTSE Stage 1 (2019):** State Topper
- **SSC Board Exam (2019):** Secured a State Rank of **3**
- **Taekwondo:** Gold Medalist in Taekwondo State Championship
- **Languages:** Excelled in RashtraBasha & Sanskrit Proficiency exam conducted by Government of India
- **Elocution:** Won the District Elocution Competition
- **Art:** Completed a 4-year art course at Kanoria Center for Arts

SOCIETIES & MEMBERSHIPS

WebMaster | Information Management Group, IITR

📅 April 2022 – Present

- IMG is a group of students that maintains IIT Roorkee's official website, Channel-i and the entire technological backbone of IIT Roorkee

Developer | AI & Electronics' Society, IITR

📅 June 2022 – Present

- ArIES is a group that works on the innovations in the field of AI and Electronics

Web Developer | Electronics & Communication Students' Society, IITR

📅 April 2022 – Present

- ECSS is a group started by the students of the EC Department, IITR to work on various projects related to electronics

Researcher | Quantum Computing Group, IITR

📅 December 2021 – March 2022

- QCG is a group that works on developing the quantum computing technologies

TECHNICAL PROJECTS

Learn it Easy ! | Flashcard App | Syntax Error 2022

📅 March 2022

- Developed a flash-card language learning app "Learn it Easy" that helps users to learn words of various languages along with their pronunciation

Sleep Tracker App | ArIES, IIT Roorkee

📅 May 2022 – July 2022

- Made a web-app that helps you manage your sleep schedule

Stock Alert Terminal-Based App

📅 November 2021

- Made a notifying app that tells the user about fluctuations of stock prices above a threshold

Password Manager using python

📅 November 2021

- Made a terminal-based app that manages your passwords

Terminal-based games

📅 December 2021

- Made games like the Snake Game, the Arcade Multiplayer Hockey Game and the State Game using basic python

The Anonymous Hope

📅 July 2022 – Present

- Making a local crowd-funding web-app that allows the user to both raise funds and contribute to the needy

Sun-Tracking Solar Panel | Course Project - ECN 101

📅 December 2021 – March 2022

- Made a sun-tracking system that tracks the position of the sun through its circuitry of LDRs, servo motors and Arduino UNO

COURSES

- "Machine Learning" course by Stanford University
- "Introduction to C++" by IIT Bombay
- "100 days of Code" by London App Brewery
- "Big Data Astronomy" by IIT Kharagpur
- "The Complete Web-development Bootcamp" by London App Brewery
- CSN-102: "Data Structures and Algorithms" in the 2nd semester (10/10 grade point)
- CSN-103: "Introduction to OOP using Java" in the 1st semester (10/10 grade point)

SKILLS

- **Programming Languages:** C, C++, Java, Python (Pandas, Numpy), Web-scraping (BeautifulSoup and Selenium), ARDUINO coding
- **Web Development:** HTML, CSS, Javascript, basics of Flask and Django, PHP, Bootstrap and SQL
- **Miscellaneous:** Big-data analysis for astronomy, Basics of Machine Learning, Data Structures, Git, Bash, Matlab