

EDUCATION

- **Ahmedabad University** Ahmedabad, India
Bachelor of Technology in Computer Science and Engineering; *GPA: 2.91/4* 2019 – 2023

EXPERIENCE

- **Genuin Inc.**
Software Developer Intern Jun 2022 - Jul 2022
 - Developed apps using CameraX API, work manager, and coroutines. Extracted live video buffer data for ML purposes.
- **Ahmedabad University**
Undergraduate Research Fellow May 2021 - Mar 2022
 - **Image Quality Index** - Built a Perceivable Image Blur Quality Index, aiding image classification using SSIM, MSE, and PSNR
 - **Analysing COVID-19 Second Wave** - Studied people's psychological and physiological effects and experiences in the second wave of COVID-19 with the help of data analysis. This work is [published](#) in the Journal of Psychological Research
- **Ahmedabad University**
Teaching Assistant Jun 2022 - Jul 2022
 - Teaching Assistant for the course of Discrete Mathematics. Graded tests and took tutorial sessions.

PROJECTS

- **Modelling Hate Speech on Twitter** - Developed a novel model that factors in the extent and discrete level of hateful language. The model outperformed the SEIR and SPA approaches.
- **Ambutrack** - Uber for Ambulances. Helps an ambulance reach faster to a patient. The app is made in Java and Android Studio
- **Real-time File Sharing Website** - Developed a real-time file sharing website using Nodejs, Multer, and Express. The website transfers files over a peer-to-peer network
- **Coronary Artery Disease Prediction** - Developed a supervised machine learning model using k-NN and Logistic Regression classifiers to predict an individual's 10-year future risk of Coronary Artery Disease.

SKILLS

Languages: Python, Java, C/C++, JavaScript, Kotlin
Frameworks/ Libraries: Nodejs, OpenCV, pytorch, networkx, CameraX
Databases and Developer Tools: MySQL, MongoDB, Git, GitHub, Android Studio, Firebase

ACHIEVEMENTS

- **Bosch Future Mobility Challenge** - Programmed and Engineered an **autonomous driving car** to navigate a miniature city. One of the 24 teams out of 118, selected for the finals in Cluj, Romania.
- Won the Open-Source Track at the Ingenious Hackathon 3.0
- Hult Prize Regionalist - Ideated a sustainable fashion startup and won the college round.

LEADERSHIP / EXTRA-CURRICULAR ACTIVITIES

- Android Study Jams Facilitator, conducted 3 sessions teaching Android Development in Kotlin to 40+ students.
- Committee member at Programming Club - Co-organized and curated 35+ Web Development, Machine Learning, and Technology events, with over a net footfall of 1900+ people.
- **Student Ambassador** - Worked at the Office of Undergraduate Admissions and assisted Campus Tours.
- **Volunteer at Humankind** - Created Educational Content for underprivileged people in Ahmedabad on Hygiene and Investing.