



# Apoorv Bhardwaj

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## EDUCATION

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### Indian Institute of Information Technology

Master of Technology, Information Technology (CGPA: 8.74/10)

Allahabad

Sept. 2020 – May 2022

### Oriental College of Technology

Bachelor of Engineering, Computer Science (CGPA: 7.5/10)

Bhopal

Aug. 2014 – May 2018

### Mansarovar Public School

Class XII, CBSE (Percentage: 77.2%)

Bhopal

July 2013 – May 2014

## TECHNICAL SKILLS

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**Languages:** C, C++, Java\*, Python\*

\*Elementary Proficiency

**Tools:** Android Studio, VS Code, Visual Studio, MATLAB, WordPress, L<sup>A</sup>T<sub>E</sub>X

## PROJECTS

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### Autism spectrum disorder detection using EEG signals

Jan 2021 – April 2021

- EEG dataset from the King Abdulaziz University (KAU), Saudi Arabia is used in this project.
- Data preprocessing is done to remove the noise through EEGLAB
- For feature extraction discrete wavelet transform (DWT), mean and standard deviation are used
- Various classifiers like linear SVM, decision tree, KNN, Random forest, Gaussian Naive Bayes are used for autism detection.
- Tools used: EEGLAB, Jupyter Notebook, Sci-kit learn, Numpy, Pandas

### App for Women safety

Jan 2018 – April 2018

- It is a danger/emergency alert system.
- This android app uses the Google Maps API and reverse geocoding to convert the geographic coordinates into a human-readable address
- The user needs to shake his/her phone or tap a single button to trigger the alert message to the concerned person or authority like Police
- The user can also call the concerned person or any authority (like Police) through the app directly with a single tap of the button.
- Tools used: Android Studio, Google Maps API, Geocoding API

### GeoAlarm Location based alarm system

Jan 2017 – April 2017

- It is a location based alarm system
- This android app uses the Google Maps API and geofencing to trigger alert to the user about the destination.
- Tools used: Android Studio, Google Maps API, Geofencing API, Places API

## ACCOMPLISHMENTS & EXTRACURRICULAR

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- Secured All India Rank 1974 in GATE 2020 (97.97 Percentile)
- Qualified Google Code Jam (Qualification round) (2019)
- Participated in KPIT Sparkle (2018) and project got selected for Prototyping phase (Top 100)
- 3 star on Codechef
- Participated in various coding competitions like Google kickstart, TCS CodeVita, Capgemini Tech Challenge 3.0 and 50