

# Jwala Chorasiya

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## EDUCATION

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- **Thakur College Of Engineering and Technology**  
*B.Tech. in Artificial Intelligence and Machine learning CPI: 9.33 (till 3rd Sem.) July 2020 - May 2024 (Expected)*

## PROJECTS

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- **ItsNotSoWeird [Code][Website]**  
*A website made during the hackathon HACKNITR3.0 under 32 Hrs.*
  - \* Website made to talk about sexual awareness and Sexual hygiene openly.
  - \* The site contains information about the best way to maintain proper hygiene.
  - \* It also has a HygieneChatBot which can answer all your questions about sexual awareness and Sexual hygiene
  - \* *Tech Stack used:* HTML, CSS,JS,DIALOGFLOW
- **SIMPLE - Assembler-Emulator-C [Code]**  
*Academic Project under Prof.Kamal Shah, HoD, IT/AIML, TCET MUMBAI*
  - \* A **Two-pass** assembler, identifying **labels and syntax errors** in a SIMPLE instruction asm file.
  - \* An emulator, **executing** the generated machine code, **tracing** each instruction, before and after-execution **memory dump**.
  - \* *Tech Stack used:* C Language
- **Sign(ASL)-To-Text Android Application based on Image Classification [Code]**  
*Involves **Transfer learning** (DL) and **Threading** (Low-latency Image Processing) for real-time Sign detection*
  - \* Applied Transfer Learning on Base Model - **MobileNetV2** to classify 29 different hand signs.
    - Training accuracy: **99.82%** • Validation accuracy: **90.48%**
  - \* Created the App for real-time detection **CameraX** and **TF lite** API on Android.
  - \* *Tech Stack used:* Tensorflow, Keras, Android Studio, Python, Java

## TECHNICAL SKILLS

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- **Most Experience with:** Algorithms, Data Structures, DBMS, C++, Python, C, REACTJS, NODEJS, PHP
- **Some Experience:** Java, Android Studio, Django, CNNs, Keras, OpenCV, Numpy, Scikit-Learn, Pandas

## ACHIEVEMENTS

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- **GOOGLE CODE JAM 2021 QUALIFICATION ROUND:** I got into the top **8.1%** of the total participants, ranking 833, participating to qualify for the Further Rounds.
- **CodeChef April Lunch time 2021 Div-2:** Got **Global rank 275** with max rating **1791 (3 star)** on CodeChef and **1375** on Codeforces.

## LEADERSHIP SKILLS

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- **ACM WEBMASTER TCET MUMBAI**
  - \* Revamped and structured all flagship technical events within **Zephyr 2021**, the Annual **Techno-Management** fest of TCET MUMBAI. Also ensured and facilitated proper conduction of events leading a group of volunteers.