

Jahanvi Agrawal

ECE sophomore at IIIT-Bangalore

Highly motivated & passionate female engineering student wanting to make meaningful career in the field of Electronic and Communication engineering and Information Technology.



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EDUCATION

iMTech - Electronics and Communication Engineering

International Institute of Information Technology, Bangalore

08/2019 - Present

CGPA : 3.45/4.0

Score

- First semester: 3.44/4.0
- Second Semester: 3.29/4.0
- Third Semester: 3.63/4.0

Class 11th and 12th State Board Pace Junior Science College

2017 - 2019

Mumbai, Maharashtra

Score

- Secured 89.69% in 12th Std Maharashtra 2019 State Board exams

Class 9th and 10th ICSE Board

Lilavatibai Podar Senior Secondary School

2015 - 2017

Mumbai, Maharashtra

Score

- Secured 94.44% in the 10th Std ICSE 2017 Board exams (15th Rank in the school)

WORK EXPERIENCE

Speaker Curator

TEDxIIITBangalore

01/2020 - Present

Bangalore, Karnataka

Developer

ZENSE - the official Software Development club of IIIT-Bangalore

11/2019 - Present

Bangalore, Karnataka

Volunteering at I-STEM Hackathon 2020

IIIT-Bangalore

A 24-hour hackathon where blind and visually impaired developers, professionals, and engineering students work on exciting and challenging problems

SKILLS

Java

C++

C

Python

MATLAB

VERILOG

MULTISIM

Bootstrap4

HTML

CSS

JavaScript

Node.js

Express.js

MongoDB

React

GIT

Mathematics

Data Structures and Algorithms

Computer Architecture

Digital Design

Electronic Devices and Circuits

PROJECTS

WATCH-OUT

- Tech Stack: HTML, CSS, JavaScript
- A simple version of the game, Flappy Bird and built this as part of ZENSE HACKNIGHT 2019 (an overnight hackathon) organized by ZENSE
- <https://github.com/zense/Canvas-Competition/tree/HacKnight2K19/watchOut>

POMODORO CLOCK

- Tech Stack: Advanced JavaScript, HTML, CSS
- A web application to help students study in time-frames with planned breaks.
- ZENSE recruitment project
- <https://github.com/1234-jahanvi/POMODORO-CLOCK>

ARDUINO-PHONE

- The main aim of this ARDUINO-based project is to conveniently make a call, answer a call, send SMS, and read SMS.
- <https://drive.google.com/file/d/1D10Rm39VXDmkWqDG5c6ADxLcFMYIT4qK/view>

IAS-COMPUTER IMPLEMENTATION

- Implemented the IAS (Princeton) computer entirely in VERILOG with an ISA of 12 instructions as part of Computer Architecture course
- <https://github.com/1234-jahanvi/Verilog-Programming/tree/main/IAS%20implementation> ↗

CACHES IMPLEMENTATION

- Implemented two types of Cache: Direct-Mapped and 4-way Set Associative Cache in VERILOG
- <https://github.com/1234-jahanvi/Verilog-Programming/tree/main/Caches>

MULTIPLAYER QUIZ GAME SHOW

- Tech Stack: Socket Programming in Python3
- <https://github.com/1234-jahanvi/Socket-Programming>