

# TEZAN SAHU

SECOND YEAR UNDERGRADUATE • IIT BOMBAY, INDIA

(+91)9022350789 • [tezansahu@gmail.com](mailto:tezansahu@gmail.com) • [linkedin.com/in/tezan-sahu-a85802163/](https://www.linkedin.com/in/tezan-sahu-a85802163/)

I am a second-year undergraduate student from the Indian Institute of Technology, Bombay. Passionate about learning and building new things every day. Interested in Machine Learning, Cryptocurrencies, Application development and Web development.

## EDUCATION

**JULY 2017 - PRESENT**

**B.TECH. IN MECHANICAL ENGINEERING, IIT BOMBAY**

**CPI: 9.75**

Pursuing a Minor in Computer Science and Engineering

**APRIL 2015 - MAY 2017**

**INTERMEDIATE/+2 12<sup>TH</sup> CBSE, JAIPURIAR SCHOOL, SANPADA**

**96.2%**

Student of the Year for 2 consecutive years

**TILL 2015**

**MATRICULATION 10<sup>TH</sup> ICSE, ST. MARY'S ICSE SCHOOL, KOPARKHAIRANE**

**99.2%**

School Head Boy

Vice-Captain of Courage (Green) House

Winner of Scholastic Brilliance Award for 7 years in a row

## EXPERIENCE

**APRIL 2018 – PRESENT**

**CONVENER**

**WEB & CODING CLUB, IIT BOMBAY**

- Coordinating events of one of the largest programming clubs in India aimed at inspiring students to take up programming as a hobby.
- Conducted Web Scraping Session for Post Graduate Students at SMJ School of Management, IIT Bombay.

**MARCH 2018 – PRESENT**

**MARKETING COORDINATOR**

**THE ENTREPRENEURSHIP CELL, IIT BOMBAY**

- We, at E-Cell, host various workshops, speaker sessions, innovative games & competitions for aspiring entrepreneurs and support them by providing necessary resources.
- Pursuing the marketing budget required for The Entrepreneurship Cell, IIT Bombay 2018-19 through corporate sponsorship.
- Conceptualizing and Executing brand integration strategies having a myriad target group (Students + Entrepreneurs + Corporates) for global and national corporations.

DECEMBER 2017 – JANUARY 2018

### ORGANIZER

TECHFEST, IIT BOMBAY

- Working for "RoboWars", handling the console and virtual betting platform.
- Was responsible for the travel and stay of some of the foreign teams that had come to participate in the event.

## PROJECTS

SUMMER 2018

### Attendance System Using Face Recognition

INSTITUTE TECHNICAL SUMMER PROJECT  
IIT BOMBAY

DEEP LEARNING, PYTHON, ANDROID, DJANGO

- Built an Attendance Recording Bot that could use face recognition to mark the attendance of students while they are sitting for the lecture.
- Created 2 Android apps: one for students to check their attendance for registered courses; another for professor/assistant to control the bot using Bluetooth.
- Maintained a database of relevant student, professor and course information using Django, deployed on PythonAnywhere Server.
- Link to GitHub Repository: <https://github.com/tezansahu/ITSP-TechnoVision>

SUMMER 2018

### Reading Project On "Machine Learning"

MATHEMATICS & PHYSICS CLUB  
IIT BOMBAY

PYTHON, SCIKIT-LEARN, GRAPHLAB CREATE, TENSORFLOW, OCTAVE

- Completed the Machine Learning Specialization course offered on Coursera by the University of Washington.
- Referred to several research papers and other courses on Machine Learning and Deep Learning Concepts & Algorithms.

## ACHIEVEMENTS

- Secured **All India Rank 514** among **0.22 million** aspirants in IIT-JEE(Advanced) 2017
- Secured **All India Rank 730** among **1.18 million** candidates in IIT-JEE(Main) 2017
- Secured **All India Rank 1** among **0.16 million** students in the ICSE Board Examinations 2015
- Secured **International Best Prize** at the Japan International Painting Competition 2014

## SKILLS

COMFORTABLE C/C++, Python, Java, HTML, CSS

FAMILIAR Django, TensorFlow, Octave, LATEX, OpenCV, SQL, Amazon AWS, MATLAB

SOFTWARE/TOOLS Git, Adobe Photoshop, Adobe Premiere Pro, AutoCAD, SolidWorks, Arduino

## CERTIFICATIONS

July 2018	Introduction to Blockchain & Bitcoin	<i>Blockchain Semantics</i>
May 2018	Machine Learning Specialization	<i>University of Washington &amp; Coursera</i>
April 2018	Certified Marketing Analytics Practitioner	<i>Henry Harvin Education</i>

## RELEVANT COURSES

**COMPUTER SCIENCE:** Computer Programming & Utilization, Data Structures and Algorithms

**MECHANICAL ENGINEERING:** Engineering Mechanics, Engineering Drawing

**OTHER:** Calculus, Linear Algebra, Differential Equations, Quantum Mechanics, Electromagnetism

## MISCELLANEOUS

### QUIZZING:

- City Winners of **Vodafone's Faster Smarter Better Challenge** 2015 & 2013
- Winner of several Inter-School & Intra-School quizzes throughout the school career.

### SPORTS:

- Completed NSO (National Sports Organization) in Squash
- Inter-School Hockey Player
- Inter-School Table-Tennis Player

### INTERESTS:

- **Vocal Music:** Completed 4<sup>th</sup> Year in Hindustani Classical Vocals.
- **Painting:** Conducted 3 solo painting exhibitions till date featuring 101, 135 and 68 painting respectively