

# MAYANK TAKSANDE

## BTECH-IT-MBA(DUAL DEGREE)

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Navi Mumbai, Maharashtra, INDIA

## EDUCATION

### B.Tech in Information Technology

#### IIIT ALLAHABAD

Aug 2017–present

CGPA :- 7.75

### Senior Secondary Education

#### Central Board of Secondary Education

Graduated–2016

Percentage :- 89

Amrita Vidyalayam, Navi Mumbai

### Secondary Education

#### Central Board of Secondary Education

Graduated –2014

CGPA :- 9.4

Amrita Vidyalayam, Navi Mumbai

## PROJECTS

### Emotion Detection from Speech

Nov-2018

Extracting the emotional state of a speaker from his or her semantic speech uttered in different circumstances. Our data-set had 7 emotion classes (anger, disgust, fear, happiness, pleasant surprise, sadness, neutral). These features gives the patterns of rhythm and sound used in speech or the patterns of stress and intonation in a language.

Jupyter-Notebook

### Battleship Space Shooter Game

April-2017

A Java applet single player space shooter game. Player has a battleship which can fire bullets. Game has obstacles(Space creatures) and enemy battleships which also shoot. A player earns points by destroying obstacles and enemy battleships. This is a multilevel game, level increases with score and the number of obstacles and enemies increase with them

Java

### Other Projects

**Library Management System** - A Database Management system for a library of an institute.

**Foundation Day Scheduling System** - A Graphic User Interface for an institute to handle data regarding performances of the event of an institute.

**Cyclomatic Complexity Calculator** - A program to calculate cyclomatic complexity of a C program having conditional statements and loops.

**MobiExpert** - Mobile Recommendation System

**NetworkGuard** - Dashboard for Security Analysis Tools

## TECHNICAL SKILLS

- Programming languages – C, Python, Java, C++, Prolog, Shell Script
- SQL and PL/SQL
- Familiar in Machine Learning with Python
- Learned to deal with Overleaf and latex
- Good familiarity with GNU Linux operating systems like Ubuntu,Mint etc.
- Tools Used: SWI prolog, Eclipse, Visual Studio Code, Netbeans, IntelliJ, Jupyter Notebook, Sublime Text, Brackets, Android Studio

## COURSES

- Artificial Intelligence
- Data Mining and Warehousing
- Soft Computing
- Data Structures
- Object Oriented Methodologies
- Design and Analysis of Algorithm
- Operating System Concepts
- Database Management System
- Compiler Design
- Computer Organization and Architecture
- Computer Graphics
- Image and Video Processing
- Principles of Programming Languages
- Software Engineering
- Theory of Computation

## ACHIEVEMENTS

- Core Team Member in Effervescence 2018
- Served as Captain in District Level Football Tournament(DSO)
- Won 4 Medals in International Olympiad of Science
- Academic Topper in School (12th Standard)

## INTERESTS

- Competitive Coding
- Football
- Guitar Playing
- Computer and Mobile Gaming