MAYANK TAKSANDE

BTECH-IT-MBA(DUAL DEGREE)

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EDUCATION

B.Tech in Information Technology
IIIT ALLAHABAD

📅 Aug 2017–present

CGPA :- 7.75

Senior Secondary Education
Central Board of Secondary Eduction

📅 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

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

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