

UDAY BINDAL

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY HYDERABAD

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📍 Hyderabad, Telangana - India

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🐙 github.com/udaybindal01

ACHIEVEMENTS

- JEE MAINS: 99.3 percentile
- JEE ADVANCED: AIR 7702

TECHNICAL SKILLS

- C, C++
- Python, SQL
- Git, Bash
- JavaScript, HTML, CSS, Flask
- Assembly x86
- LaTeX
- MongoDB, ReactJS, ExpressJS, NodeJS (MERN).
- DBMS, NLP, Web Development, Web Scraping.
- Codeforces Max Rating 1283

EXPERIENCE

- UG2 Representative in Sports Council.
- Member of Felicity Corporate Team.

PROJECTS

Music Website (Beats)

- Using HTML, CSS, Python and JavaScript, technical work has been done which enables users to view top artists and their albums all while adding them to their playlist.
- Other useful features like searching and listening to song snippets are also offered (done using Apple Music API).

Lost, Found and Sold Website

- A multifaceted website with three utility bases for the user- "Lost & Found", "Borrow & Lend" and "Buy & Sell" - made with Python framework, SQL Database, JavaScript and other languages.

ChatBot for top Badminton Players

- This project, made using Python and SQL, along with features like Web Scraping and Word2Vec was developed to make a rule-based ChatBot to help users wanting information on the top 10 badminton players in a conversational way.

Bank Database Management System

- Implemented using Python and SQL, this DBMS is meticulously crafted to oversee and streamline various facets of banking operations, customer data, and other pertinent information.

A Comparative Analysis of Naive Bayes and N-gram

- This research project, accomplished using Python, addresses the challenge of automated language identification using Naive Bayes approach with linguistically motivated features like TFIDF method.

Homogeneous Coordinates and Projective Geometry

- The aim is to use Rotation, Linear Translations, Scaling and Homogeneous Coordinates, and apply them in various fields of Projective Geometry (Simulated using Python).

EDUCATION

B.Tech. in Computer Science and MS in Computational Linguistics

International Institute of Information Technology Hyderabad

📅 Expected July 2027 📍 Hyderabad, India

Higher Secondary - 96.4%

Central Board of Secondary Education

📅 2022

Secondary - 95.6%

Central Board of Secondary Education

📅 2020

COURSES

IIIT Hyderabad

📅 October 2022 - Current

- Data Structures and Algorithms, Algorithm Analysis and Design.
- Discrete Structures
- Probability and Statistics, Linear Algebra
- Computer Systems Organisation.
- Data and Applications.
- Introduction To Software Systems.
- Computational Linguistics - I and II.
- Design and Analysis of Software Systems.
- Machine, Data and Learning.
- Introduction to NLP.
- Digital Signal Analysis.

PERSONAL SKILLS

- Having Leadership Qualities.
- Ability to work under pressure.
- Comfortable working Independently as well as with Teams.
- Ability to take initiative to solve problems.

HOBBIES

- Playing Cricket.
- Playing Guitar and Violin.
- Competitive Programming
- Exploring New Technology.