

# Uddhav Mishra

Fourth Year Undergraduate  
B.E(Hons) Computer Science  
Birla Institute of Technology and Science, Pilani Hyderabad

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## Education

Institute	Board / Branch	Result	Time
BITS-Pilani Hyderabad Nalanda Academy,Kota	B.E, Computer Science CBSE (XII)	8.3/10 94.4%	July 2014-Present 2014
Kendriya Vidyalaya, Nasirabad	CBSE (X)	10/10	2012

## Awards and Achievements

- Secured 3<sup>rd</sup> rank in India in NetApp Codenet (Programming event organized for BITS and IIT's) [www.hackerearth.com/challenge/test/netapp-codenet](http://www.hackerearth.com/challenge/test/netapp-codenet)
- Secured 18<sup>th</sup> rank in ACM ICPC Amritapuri Regionals. <https://icpc.amrita.ac.in/2017/wpcontent/uploads/2018/01/RankList-1.pdf>
- Secured rank 53 among 1062 contestants in coding event on codechef. [www.codechef.com/rankings/COOK73](http://www.codechef.com/rankings/COOK73)
- 2 silver and 7 bronze medals for programming contests held on hackerrank.
- Received Letter of Appreciation from Ministry of Human and Resource Development, India for brilliant academic performance in Class 12.
- Received Merit Certificate from Kendriya Vidyalaya Sangathan for securing 10.0/10.0 CGPA in Class 10.

## Projects

### Integrating Relational Databases

Supervisor: Assoc. Prof. R. Gururaj (Aug - Nov 2016)

- Studied and implemented techniques to integrate homogeneous relational databases.
- Implemented heterogeneous database integration for xml and relational databases.

### Text based search Engine

(Oct-Nov 2016)

- Created a basic text based search that returns ranking of documents satisfying the normal/Boolean query.
- Implemented using Boolean retrieval model and tf-idf model.

### Connect-5 AI bot

(Jan - Mar 2017)

- Implemented connect-5 game bot using AI algorithm (mini-max with alpha-beta)
- Implemented game in User vs AI and AI vs AI modes and analysed success rates in different conditions.

## Work Experience

### Vmware

Bengaluru

(Jan 2018 - Ongoing)

- Working in WorkspaceOne Identity R&D, implemented new feature that synchronizes applications from Okta to v-IDM. (Completed)
- Creating a script for vmware identity management system customers that automates the process of checking and reporting common faults associated with configuration files. (\*Ongoing).

### Nutanix

Bengaluru

(Apr 2017 - Jul 2017)

- Added new features and fixed bugs in the existing api of Distributed Notification System of Nutanix.
- Worked with C++11, JAVA and google protocol buffers.

### Value First Digital Media

Gurgaon

(Apr 2016 - Jul 2016)

- Worked in Mobility team with .NET Web forms(C#) and Microsoft SQL server.

## Technical Strengths

**Computer Languages:** C, C++, Java, Python

**Skills:** Expertise in competitive programming with C++, Experience in Web Development with .NET (Web Forms) and Databases.

**Tools:** Git, Microsoft SQL Server, .NET Framework (Web Forms), Google Protocol Buffers, Spring, REST Api

## Relevant Courses Undertaken

**Computers:** Data Structures and Algorithms, Database Systems, Machine Learning, Information Retrieval, Theory of Computation, Computer Programming, Principles of Programming Languages, Operating Systems, Computer Networks, Computer Graphics, Compiler Construction, Design and Analysis of Algorithms, Data Mining, Artificial Intelligence, Object Oriented Programming, Logic in Computer Science, Discrete Structures for Computer Science, Software Engineering

**Maths:** Linear Algebra, Intro to Calculus, Prob. Stats, Differential Equations, Number Theory, Optimization

## Campus Activities

Core Member, Crux (Programming Club)

(Present)

Technical Head, Computer Science Assoc.

(2016-17)