

Application

1. Application Number: 4
2. Post Applied for: Associate Professor grade2
3. Name: Shreya B Ballijepalli
4. Category: General
5. Disability: NO
6. Date of Birth: 2019-05-29
7. Nationality: India
8. Gender: Female
9. Marital status: Unmarried
10. Address: 1-19-80/103B, Vijayapuri Colony
11. Email ID: shreyabalijepalli@gmail.com

12. Education

Exam Passed	Board/university	Year of Passing	Specialization	CGPA/Percentage
Bachelors	dd	2019-05-23	ss	4
Bachelors 2	dd	2019-05-18	ss	3
Masters	aa	2019-05-17	1	5

13. PHD:

University	Year of Graduation	Date of thesis submission	Date of Defence	Specialization	CGPA
hhe	2019-05-28	2019-05-15	2019-05-28	swd	3

14. GATE Year: 1999

15. GATE Score: 1

16. Research Specialization: (2019-05-15,2019-05-28)

17. Research Interests: cc

18. Post Doc Specialization: a

19. Present Position with Salary Details:

Position	Pay Band	Grade Pay	Consolidated Salary
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20. Research/Teaching/Industrial Experience(if any):

Name of the Organization	Start Date	End Date	Full Time (Yes/No)	Designation	Type of Work
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21. Projects

Type of Project	project Title	Project Amount	Project Details
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22. Referees

Name	Email	Designation	Address
Shreya Ballijepalli	cs15btech11009@ii th.ac.in	1	1-19-80/103B
"Shreya Ballijepalli"	cs15btech11009@ii th.ac.in	erty	1
1	cs15btech11009@ii th.ac.in	werty	1



Shreya.

Ballijepalli Shreya

Email:cs15btech11009@iith.ac.in
Phone number :+91 8500106480

Indian Institute of Technology Hyderabad
4th year Undergraduate
Department of Computer Science and Engineering

EDUCATION

Indian Institute of Technology Hyderabad,Computer Science and Engineering

CGPA: 8.56/10

Telangana State Board of Intermediate education

Percentage: 98.3%

All India Secondary School Examination by CBSE

CGPA : 10/10

ACADEMIC HIGHLIGHTS

- Qualified for the award of Scholarship for Higher Education under innovation in science Pursuit for Inspired Research (INSPIRE)
- Secured AIR 828 in JEE Advanced 2015 exam
- Secured third rank in AP state in International Olympiad of Science 2011
- Secured 52nd rank in International Maths Olympiad 2015

POSITIONS OF RESPONSIBILITY

- Web Coordinator for NSS (National Service Scheme), IIT Hyderabad (August 2017 - May 2018)
- Teaching Assistant for the course Discrete Structures-I, Principles of Programming Languages-I and Principles of Programming Languages-II (August 2017 - November 2018)

WORK EXPERIENCE

Internship at Swiggy

May 2018 - July 2018

- I was a part of the data platform team. As a part of my internship, I built a Query Analyzer that can be used to detect the cost of sql queries and can also be used as a bad query detector.

PROJECTS

Retrieving Tweets from News Articles

August 2018 - November 2018

- The aim of this project was to retrieve tweets related to news articles using a pooling based approach and aggregate them using rank aggregation methods.

Short text Clustering

January 2018 - May 2018

- The aim of this project was to improve the performance of short text clustering by exploiting the internal semantics from the original text and external concepts from world knowledge like Wikipedia and Wordnet.

IBM Remote project - Business Visibility Bot

May 2017 - July 2017

- The aim of the project was to create a chatbot with conversation service and personalization. This chatbot has natural language understanding and can give recommendations to users. Used IBM Watson conversation API and LDAP authentication for creating the chatbot.

Find Me If You Can

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- The aim of this project was to find the organizations of authors using a machine learning technique from the knowledge of the organizations of his coauthors on a dblp dataset.

Cool Compiler

August 2017 - October 2017

- Built a cool compiler as a part of Compilers-II course. This includes a lexer, parser, semantic analyzer and a code generator for cool written in java.

Parallel Bellman-Ford Algorithm

August 2017 - October 2017

- Parallelized Bellman-Ford single source shortest path algorithm by using fine grained synchronization, dynamic allocation of vertices to threads and using techniques to reduce the number of computations.

Summer Project - Study on Document Categorization

May 2017 - July 2017

Summer project under Dr Maunendra Sankar Desarkar, Assistant Professor, IIT Hyderabad

- Studied various feature selection techniques like chi-square and entropy-based techniques for document classification. Worked on the newspaper articles from the Times of India using Naive Bayes Classifier for the study.

Net banking website using Haskell

March 2017- April 2017

- Developed a net-banking web application in Haskell using yesod framework, javascript and shake-spearean templates of haskell. Atomic locks are used to prevent data racing and deadlock.

Concurrency based 2-D game in C++

February 2017 - March 2017

- Developed a Mario type game in C++ using SFML graphics. The game also includes the concurrency features of C++11.

Research Internship

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- Created a metasearch engine using the data of various other search engines. Used various rank aggregation methods in the implementation of the meta search engine.

Face detection System

November 2015 - January 2016

- Developed a face detection system in MATLAB as a part of Independent project course.

3-D Printing Model Project

August 2015 - November 2015

- As a part of Digital Fabrication course, designed a 3D model in Solid Edge and printed it using 3D printers

TECHNICAL SKILLS

Programming Languages	C,C++,Python
Basic Understanding	MySQL,Java, Nodejs,HTML,CSS,Go,Haskell,MATLAB
Software & Tools	Intellij IDEA, MS Office, SFML Graphics, Github,Linux

COURSEWORK

Data Mining	Database Management Systems
Information Retrieval	Visual Big Data Analytics
Topics in DBMS	Distributed Computing
Applied Machine learning	Parallel and Concurrent Programming
Complexity Theory	Networks
Algorithms and Data Structures	Operating Systems I/II
GIAN course on GPUs and Accelerators	Compilers
Principles of Programming Languages	Discrete Structures I/II
Computer Architecture	Probability
Statistics	Linear Algebra

ACTIVITIES

- Member of Google Women Techmakers India community
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- Teaching Assistant for the course Theory of Computation (January 2018 - Present)
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Information Retrieval	Visual Big Data Analytics
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Algorithms and Data Structures	Operating Systems I/II
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- Teaching Assistant for the course Principles of Programming Languages-I (October 2017- December 2017)
- Teaching Assistant for the course Discrete Structures-I (August 2017- October 2017)

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March 2017- April 2017

- Developed a net-banking web application in Haskell using yesod framework, javascript and shake-spearean templates of haskell. Atomic locks are used to prevent data racing and deadlock. Used Sqlite3 database and persistent to act as an interface between the application and the database.

Semaphores in Minix

March 2017 - April 2017

- Implemented semaphores in minix operating system as a system call.

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Topics in DBMS(Ongoing)	Distributed Computing(Ongoing)
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Applied Machine learning	Parallel and Concurrent Programming
Theory of Computation	Networks
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Computer Architecture	Probability
Statistics	Linear Algebra

ACTIVITIES

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- Member of Vibes, IIT Hyderabad



Student Details Of

Ms Shreya Ballijepalli



Nad ID :

Parent's/Guardian's info:-

Father/Guardian Name : [Dwarakanath Ballijepalli](#)

Mother/Guardian Name: [Padmini Sistla](#)

Spouse Name :



Signature

Address Details:-

Permanent Address: [1-19-80/103B,Vijayapuri Colony, KAPRA, ECIL Post,Hyderabad,Telangana,India, 500062](#)

Correspondence Address : [1-19-80/103B,Vijayapuri Colony,KAPRA, ECIL Post,Hyderabad,Telangana,India, 500062](#)

Contact Details:-

Primary Email ID: cs15btech11009@iith.ac.in

Contact No : Country Name : [India](#)

City Name : [Hyderabad](#) Phone :

Mobile Number : [8500106480](#) Alt Email ID :

Other Details:-

Gender : [Female](#) Date Of Birth : [25-06-1998](#)

AI Name	Course Name	Year of Admission	Registration no./Enrollment no.
Indian Institute of Technology, Hyderabad	BTech CSE	2015	cs15btech11009

Note: The above details have been entered by the owner. CVL does not take any responsibility for the accuracy of the data. However, CVL confirms that the data appearing above is updated in the system by the owner.