

# SAMHITA ALLA

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## Objective

A Machine Learning and Deep Learning enthusiast very much interested in working with a company that gives a scope to utilize my knowledge while enhancing the company's productivity and reputation.

## Education

### Bachelor of Engineering in Computer Science and Engineering

August 2015 - Present

Chaitanya Bharathi Institute of Technology, Hyderabad, **CGPA: 9.7/10**.

Telangana Board of Intermediate Education  
Narayana Junior College, Hyderabad, 98.7%.

June 2013 - April 2015

CBSE, Class X  
DAV Public School, Hyderabad, CGPA: 10/10.

April 2011 - April 2012

## Work Experience

### Machine Learning Intern

May 2018 - Present

Caravel.AI, Hyderabad

- Involves creating a whole lot of content and writing down python codes from scratch.
- Playing a key role in developing an ed-tech platform comprising of topics ranging from basic Math to intricately weaved Machine Learning and Deep Learning.
- Responsible for writing Python real-time applications describing each and every concept in an elaborative style.

Web Developer Intern  
Myrl Tech, Pune

September 2017 - October 2017

- Beautifying SEO Dashboard was the primary concept.
- Involved integrating softwares like SiteSpy and SiteDoctor to enhance the user experience.

## Technical Skills

Programming Skills	C, C++, JAVA, Python
Operating Systems	MacOS, Windows, Linux, iOS, Android
Front-end Languages	HTML, CSS, Javascript
Back-end Languages	PHP, SQL
Frameworks	Flask, Django, Bootstrap
Databases	MySQL, Postgres

## Projects

### ThinkML

- A Machine Learning and Deep Learning platform enabling users to learn the content in one go without juggling among various sites.
- Provides both conceptual and programmatic detailed description of concepts say, Regression, Classification, Support Vector Machines, Convolution Neural Nets, Boltzmann Machines etc.
- Tech stack - Python, Machine Learning Algorithms, Deep Learning Algorithms.

### Tech Ladder (<https://github.com/samhita-alla/TechLadder>)

- A website where job seekers register themselves providing all the necessary information.
- Makes the work of a recruiter much easier since it helps in filtering people he/she needs in accordance with their requirements, like the college, the branch and the minimum GPA.
- Tech stack - HTML, CSS, Javascript, PHP, MySQL, MAMP Server.

### Edify - Teacher Training Platform

- Edify provides a platform wherein the teachers can interact with their fellow peers for dissemination of content and creation of content as well, which in turn motivates them to learn content in a fun way.
- Tech stack - Django, Python, Bootstrap, Postgres.

### Cube on the run ([https://github.com/samhita-alla/Cube-on-the-run\\_UNITY](https://github.com/samhita-alla/Cube-on-the-run_UNITY))

- Game developed using UNITY 3D game development software.
- The back-end logic is implemented using a Monospace tool describing the reflexes of the cube when an obstacle is encountered and increasing the score as long as the cube hasn't fallen.
- Tech stack - C-Sharp, UNITY, Monospace.

### Food Tracker (<https://github.com/samhita-alla/Food-Tracker>)

- It's an iOS app which enables us to keep track of the food we've eaten.
- Tech stack - iOS, Swift.

## Achievements and Extra Curriculars

- Writer on the most sought after tech platforms - Medium, Codeburst and Towards Data Science.
- Speaker at Deep Learning talks, CBIT.
- Contributed to two research papers relating to Semantic Segmentation of images.
- Head student Coordinator for SUDHEE, annual technical fest of CBIT.
- Program Chair for Deep Learning Bootcamp conducted at CBIT.
- Secured 12th place in Smart India Hackathon conducted by The Government of India at Noida.
- One of the chief organisers at India's first ever Django camp, Hyderabad.
- Member at Chaitanya Bharathi Open Source Club(COSC).
- Undergone a 6 weeks online summer training on Programming with Python.
- A youtuber uploading covers in my leisure time.
- Bibliophilism is my strength.

## Interests

Machine Learning, Deep Learning, Algorithms, Computer Networking, Cyber Security, Networking from Scratch, Cloud Computing.