SAMHITA ALLA

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http://samhita-alla.github.io

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 - May 2019**
Chaitanya Bharathi Institute of Technology, Hyderabad, **CGPA: 9.64/10**.

Telangana Board of Intermediate Education   June 2013 - April 2015
Narayana Junior College, Hyderabad, 98.7%.

CBSE, Class X   April 2011 - April 2012
DAV Public School, Hyderabad, CGPA: 10/10.

Work Experience

Machine Learning Intern   **May 2018 - July 2018**
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   September 2017 - October 2017
Myrl Tech, Pune

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

Projects

ThinkML (https://thinkml.org)
- 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)
- 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. Dance with GANs: bit.ly/dancewithgan, Building a chat application with flask: bit.ly/chatflask, Introduction to Computational NeuroScience: bit.ly/compneuros, Flask Web Programming: bit.ly/flask.
- Speaker at Deep Learning talks, CBIT.
- Written a research paper relating to Semantic Segmentation of images - bit.ly/imagesemantic_research_paper.
- 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).
- A youtuber uploading covers in my leisure time.
- Bibliophilism is my strength.

Interests

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