Akula SAI KRISHNA

PERSONAL DATA

PLACE AND DATE OF BIRTH:	Telangana, India	19 August 1997
PHONE:	+91 9800223111
EMAIL:	saikrishna.akula1997@gmail.com

WORK EXPERIENCE

SUMMER 2018 | **Software Development Internship** at VERITAS TECHNOLOGIES LLC
Identified problems in their NetBackup Appliance from escalation descriptions. Used Latent Dirichlet Allocation, clustering algorithms and other Natural Language Processing techniques to solve this task.

EDUCATION

B.TECH
currently

Undergraduate in COMPUTER SCIENCE AND ENGINEERING at
Indian Institute of Technology, Kharagpur
GPA: 8.51/10

INTERMEDIATE EDUCATION
2015

Telangana State Board of Intermediate Education at
Narayana Junior College, Attapur
PERCENTAGE: 96.8

SECONDARY EDUCATION
2013

Board of Secondary Education, Andhra Pradesh at
Narayana Olympiad School, Kukatpally
GPA: 9.5/10

TECHNICAL SKILLS

Programming Skills:	C, C++, PYTHON, JAVA, BASH, HTML
Tools/Libraries:	MySQL, PYTORCH, DJANGO, KERAS
Operating Systems:	UBUNTU

COURSES

- Artificial Intelligence, Deep Learning, Machine Learning, Data Analytics, Complex Networks, Distributed Systems, Operating Systems, Computer Networks, Database Management Systems, Compilers.

B.TECH THESIS

SPRING 2017 | **Background Subtraction**
Exploring unsupervised techniques for deep background subtraction.

Competetions

Spring 2017	**EthPhoto**
	Developed frontend for Decentralised photo sharing app using the Ethereum based blockchain which secured the **bronze** medal in the Interhall Open-Soft competition. Implemented a search bar for Tag based search with auto-complete feature using JavaScript.

Projects

Spring 2018	**Memory Resident Unix like File System(C++)**
	Implemented a Memory-Resident File System that can be accessed using API's. Functionalities include creating, reading, writing files/directories similar to the Unix FS.
Spring 2018	**Transport Wrapper(C++)**
	Designed and Implemented transport layer wrapper on the top of UDP using socket programming. Implemented flow control, congestion avoidance using TCP Tahoe and extended its support for multiple parallel clients with proper synchronization.
Spring 2018	**Airline Reservation System(Python)**
	Developed a Django based web application for Airline Reservation System using MySQL as database. The end user can book, cancel,search and avail offers for tickets.
Autumn 2017	**Amazon Outlivers(C#)**
	Developed a 3D survival game using Unity game engine. Implemented path planning using A-star, priority based blending of steering behaviours and collision avoidance using ray casting.

Achievements

JEE 2015	Secured AIR **1070** in JEE Advanced 2015.
EAMCET 2015	Secured **233** rank in the Telangana state.
NEST 2015	Secured AIR **46** in National Entrance Screening Test.

Social Service

- Member of NSS(National Service Scheme) at IIT Kharagpur.

- Took part in road building activities as a part of Annual Camp conducted by IIT Kharagpur.

- Secured **Bronze** medal in NSS Annul camp *2015* conducted by IIT Khargpur.

Interests and Activities

- Technology, Open-Source, Programming, Chess, Table Tennis.

Important Links

- **Github:** https://github.com/krishna-akula

- **Linkedin:** www.linkedin.com/in/sai-krishna-b030aa105