Sajan Kumar

ksajan.github.io
ksajan12@gmail.com

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY
VISITING STUDENT
Spring 2020| Berkeley, California

SRM UNIVERSITY AP
B.TECH IN COMPUTER SCIENCE
Aug 2017 | Amaravati, Andhra Pradesh
Current GPA: 9.0 / 10

LINKS

Github:// **ksajan**
LinkedIn:// **sajankumar**
Twitter:// **@ksajan123**

COURSEWORK

UNDERGRADUATE
EECS 225b Digital Image Processing
Data-X 2020
Algorithm Analysis and Design
Introduction to Data Science
(Undergraduate Teaching Asst

MOOC'S
Deep Learning Specialization (coursera)
MIT OCW 6.034, 6.046J & 6.006
UCB CS294-112 & CS280
Stanford cs229 & cs231

SKILLS

PROGRAMMING
Python • C/C++/C# • Java • GO
MATLAB • Assembly Language •
Familiar:
• Ruby on Rails • R • JavaScript • Solidity
• Hadoop • iOS • Android
SOFTWARE & TOOLS
Tensorflow • Pytorch • Caffe •Intel Open
Vino • OpenCV • GIT • AWS & GCP
• GIT • Windows & Linux

AWARDS

1st place in International Mathematical
Olympiad at school level
TCS(Code Vita) - 3rd in Regional Level

EXPERIENCE

SRM UNIVERSITY AP AMARAVATI | UNDERGRADUATE TEACHING ASSISTANT
Feb 2019 - Present | Amaravati, AP
Teaching Data Science course to undergraduate & B.Sc students.

INTEL | INTEL AI AMBASSADOR
Nov 2018 – Present | Amaravati, AP
Conducted Talk's, Guest Lecture, Workshop & published articles under Intel Nervana AI Academy.

ACM STUDENT CHAPTER AMARAVATI | ACM - TREASURER
July 2018 – Present | Amaravati, AP
Organizing and managing various activities, events & Finance on the campus to encourage and promote Technology among all.

UNDERGRADUATE AI RESEARCHER & BOARD MEMBER NEXT TECH LAB
Sep 2017 – Present | Amaravati, AP
Researching, and exploring the field of Artificial Intelligence and Machine/Deep Learning research with in depth focus on Reinforcement Learning and active interest in Computer Vision and Natural Language Processing.

RESEARCH

SRM AP COMPUTER SCIENCE | UNDERGRADUATE RESEARCHER
Jan 2019 – Present | Amaravati, AP
Working with **Prof T. Ragunathan** to create **Heart Attack Prediction** prediction tool. Using Data-Base collected from local hospital.

PROJECTS

IMAGE SEGMENTATION | EXTRACT DOMINANT COLOR USING HEXCODE
April 2019 - April 2019
It extract the dominant color from image using OpenCV while eliminating neutral colors and provide HexCode of respective dominant color extracted using Clustering algorithm

OPO(ONE PIC ONLY) | PERSON/OBJECT IDENTIFICATION
Aug 2018 - Dec 2018
Using GANs to identify the the person/object by only using one Image of the person/object even person uses accessories to hide himself from CCTV cameras.

ELEARN | LEARN MANY SKILL AT ONE PLACE
Mar 2018 - Mar 2018
It simplifies, give suggestion, recommend, videos and give simplification to the mathematical terms to help understand research papers.

AI-INTERIOR | INTERIOR DESIGNING USING AI
Jan 2018 - Jan 2018
Used CNN and CycleGANs for mapping design patterns, extracting features from the room and later used 6D.ai SDK for better visualization.