Susmit Bansode

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Hyderabad, India

EXPERIENCE

- **IIT Hyderabad**
  Teaching Assistant
  - Convex Optimization (EE5606)
  - Introduction to Data Structure (CS1353)
  - Programming in C/C++ (ID1303)
  July 2019 onwards

- **Stockbay Partners**
  Intern - New Delhi, India
  Completed a project on Twitter Sentiment Analysis and Data Visualization
  This project addresses the work done to create use cases for clients using Twitter Sentiment Analysis and Business Intelligence tools like Tableau and Power BI.
  Sentiment Analysis was done using the twitter api tweepy and other packages of like nltk, re, pandas and numpy
  May 2017 to July 2017

EDUCATION

- **Masters in Artificial Intelligence**
  CGPA: 8.0/10.0
  Indian Institute of Technology, Hyderabad
  2019-2021

- **Bachelors in Production Engineering**
  CGPA: 7.81/10.0
  National Institute of Technology, Tiruchirappalli
  2014-2018

COURSE

- **Applied**
  Deep Learning, Surveillance Video Analytics, ML Hardware Implementation

- **Theoretical**
  Foundations Of Machine Learning, Advanced Data Structures and Algorithms

SKILLS

- **Programming Languages**
  Python, C++, C

- **Software and Packages**
  Tensorflow, PyTorch, Tableau, Power BI, MATLAB, Creo Parametric, ANSYS

PROJECTS

- **See Through Armour**
  Creating a framework that takes input from different cameras mounted on a tank, which can be used for detection and tracking of enemies and other objects
  Python, PyTorch, OpenCV

- **Deep Modular Co-Attention Networks for Visual Question Answering**
  - Visual Question Answering (VQA) requires a fine-grained and simultaneous understanding of both the visual content of images and the textual content of questions
  - Implementation of an effective 'co-attention' model to associate key words in questions with key objects in images called deep Modular Co-Attention Network (MCAN)
  Python, PyTorch

POSITIONS OF RESPONSIBILITIES

- Class Representative for AI Department, 2019 Batch

- Core Member of AI outreach Team

- Head of Guest Lecture Team at Prodigy (The National Level Annual Symposium of Department of Production Engineering, NIT Trichy)

- Manager of Guest Lectures Team Festember (The National level inter-collegiate cultural festival of NIT Trichy)