

# Soham Chitnis

☎ (+91) 9819765828 | ✉ sohamchitnis10@gmail.com | 📱 soham-chitnis10 | 🌐 soham-chitnis

## Summary

Currently a Pre-final year student at Birla Institute of Technology and Science, K.K Birla Goa Campus pursuing Computer Science. I have worked on Computer Vision and Reinforcement Learning projects. I am looking to collaborate on Open-source and Research Projects.

## Education

### Birla Institute of Technology and Science

Goa, India

B.E(HONS.) IN COMPUTER SCIENCE

Oct. 2020 -Present

- **CGPA** - 8.69/10
- **Relevant Completed Coursework:** Computer Programming, Linear Algebra, Probability and Statistics, Calculus, Object-Oriented Programming, Database Systems, Data Structures and Algorithms
- **Teaching Assistant:** Computer Programming

## Projects

- **Comparative Study of Reward functions on Policy gradient (Code):**- This is an independent project where I have done comparative study on reward functions in Policy Gradient with Gaussian Distribution
- **RAIN-Robot Automation Indoor Navigation:** Worked on Perception of the robot using semantic segmentation. This project is building stack for the robot Trotbot for indoor navigation which involves three components Perception, Localization and Planning.
- **Project Kratos:**- This project is about building a Mars Rover for the University Rover Challenges. Worked on Rock analysis using Computer Vision
- **Molecule Generation using Deep Graph Generators**

## Certifications

2021	<b>Machine Learning</b> , Coursera	Online
2021	<b>Fundamentals of Deep learning</b> , NVIDIA Deep Learning Institute	Online
2022	<b>Deep Learning Specialization</b> , DeepLearning.AI	Online
2022	<b>Building Transformer-Based Natural Language Processing Applications</b> , NVIDIA Deep Learning Institute	Online
2022	<b>CS231n-Convolutional Neural Networks for Visual Recognition</b> , Stanford	Online

## Skills

- **Languages:** Python, C/C++, Java
- **Toolkits:** Numpy, Scipy, OpenCV, PyTorch, Tensorflow, Keras, Matplotlib, Pandas, Scikit-Learn

## Honors & Awards

2021	<b>Silver Prize</b> , CTE ML Hackathon	Goa, India
2020	<b>100 percentile</b> , MHT-CET	Mumbai, India
2017	<b>Silver Medal</b> , Dr. Homi Bhabha Balvaidnyanik Competition	Mumbai, India

## Committees

2022	<b>Member</b> , Society for Artificial Intelligence and Deep Learning	Goa, India
2021	<b>Core Member</b> , Electronics and Robotics Club	Goa, India
2021	<b>Core Member, Life Detection</b> , Project Kratos	Goa, India