# Sanchit Krishna

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## EDUCATION

**BITS PILANI, GOA CAMPUS**
B.E. in Electronics and Communication Engineering
Aug-2017 - Aug 2021 | Goa
Cum. GPA: 8.29 / 10.0

**B.G.K.V (CBSE)**
Grad. May 2017| Kolkata, India
XII : 91.6 (2017) | X : 10 CGPA (2015)

## LINKS

LinkedIn: **Sanchit Krishna**
Codeforces: **NMOS**
Codechef: **sutta_time**

## COURSEWORK

**UNDERGRADUATE**
Computer Programming
Object Oriented Programming
Discrete Mathematics
Machine Learning
Digital Image Processing
Microprocessors
Computer Architecture

## SKILLS

**PROGRAMMING**
Intermediate:
C++
Familiar:
Java • Python • Typescript • Assembly • Verilog • Matlab • C

## POR

First Degree Teaching Assistant (FDTA)
Analog Electronics
Academic Assistance Program
Mechanics Oscillations and Waves

## WORK EXPERIENCE

**EDGEVERVE** | Member of Technical Staff
Aug 2021-Present

I am a part of the AssistEdge RPA product in the Discover team. My team works on finding processes which can be automated in large organisations and generating insights about them.

**HONO.AI** | Software Engineering Intern
July 2020 - Dec 2020

My project was to add a dashboard to the company's product which was an HR solution for enterprises. I designed, developed the application and tested data for leave, attrition, finance etc. teams on it. My project, which was initially an internal project, was subsequently opened to the company's clients and I was offered a PPO.

**WORLDQUANT** | Virtual Research Consultant
Jan 2019 – Nov 2019

I worked part-time during college on building alphas which were used to classify stocks of different markets and then assign weights to them and simulate them on the basis of historical data.

**ANALOGICS TECH** | Summer Intern
May 2019 – Jul 2019

Worked on LoRaWAN based microcontrollers to enable communication between the gateway and the nodes for a domestic smart gas meter product.

## COURSE PROJECTS

**MACHINE LEARNING,** Apr 2021

- COVID-19 active cases prediction for London: Used support vector regression and neural networks independently to predict active COVID-19 cases in London.
- Sports Analytics: Used logistic regression for binary classification of the outcome of a volleyball game.

**COMPUTER ARCHITECTURE,** Jan 2021 - May 2021

- Implemented ripple adder using verilog.
- Implemented IEEE-754 single precision floating point adder using verilog.
- Implemented MIPS single cycle data path using verilog.

**DIGITAL IMAGE PROCESSING,** Oct 2019 – Nov 2019

LIME: Low-Light Image Enhancement via Illumination Map Estimation: Implemented a research paper on low light image processing and enhancement on MATLAB and further designed a method to get a great output using filters.