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

Working on the AssistEdge product in the Discover engineering team.

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

Worked with Angular and Loopback framework to develop a web app which showed consolidated information for all departments.

WORLDQUANT | Virtual Research Consultant
Jan 2019 – Nov 2019

Developed mathematical expressions called alphas to categorise investments in stocks.

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.