

# Jaya Raj

Final Year CSE Undergraduate'22



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## EDUCATION

### B.Tech in Computer Science & Engineering

PES University, Bangalore

07/2018 - Present

8.21 CGPA: ( till 5th semester)

### Higher Secondary Education (CBSE 12th Board)

Delhi Public School, Ranchi

05/2015 - 03/2017

94.8%

### Secondary Education (CBSE 10th Board)

Delhi Public School, Ranchi

05/2014 - 03/2015

10 CGPA

## WORK EXPERIENCE

### Research Intern

Center for Information Security, Forensics and Cyber Resilience, PES University, Bangalore

05/2020 - 07/2020

Investigation on Mirai IOT Botnet and DDoS Attack.

### Global Trainee - Data Science

Ureka Education Group, India

06/2020 - 06/2020

Worked on data science and machine learning concepts, Built models, and worked with interesting datasets for Twitter Sentiment Analysis

## SKILLS

C++

C

Python

Linux

Hyperledger Fabric

Ethereum

Golang

## PERSONAL PROJECTS

Tackling fraud in COVID-19 Testing kit supply chain—Blockchain

- Developed a network on hyperledger fabric with different permissions on each node using cryptography and well defined chaincodes.

Object detection in twilight condition— Deep learning

- Developed a model using YOLOv3 SPP on thermal images (FLIR ADAS Dataset) and vehicle's tail light detection method. Also, I used the Intel OpenVino Toolkit.

## ACHIEVEMENTS

Intel-PES Student Contest 2020 Finalist

Finalist in Intel Student Contest 2020. Project on Object Detection in twilight and nighttime conditions using the vehicle's tail light detection method and Object detection on thermal mages (FLIR ADAS dataset) using YOLOv3-SPP. Also used the Intel OpenVino Toolkit.

Distinction award -PES University

Academics for semester 1,2,3,4 and 5

## CERTIFICATES

Blockchain Basics-Coursera (08/2020)

Wireshark: Packet Analysis and Ethical Hacking: Core Skills-Udemy (07/2020)

## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

## INTERESTS

Singing

Playing Badminton