

**HRITIK GANESH RAO**Course : **B.Tech**, Electronics & Telecommunication, 2023

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CGPA : 9.05



ACADEMIC DETAILS					
COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	SCIENCE	City Pride Junior college	Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE)	81.6 %	2019
CLASS X		City International School	CBSE	95.6 %	2017

Subjects / Electives	Integrated circuits and applications theory/lab, Electronic devices and circuits theory/lab, Analog Communication systems theory/lab, signals and systems theory, Vector calculus partial differential equation, digital system design lab/theory, Introduction to scientific computing, microcontrollers and application theory/lab, sensors and automation, linear algebra, circuit simulation laboratory, Network Synthesis and analog filters theorylab, ordinary differential equations and multi variate calculus theory, univariate calculus, data structures
Technical Proficiency	Data Structures, MS Excel, Sketching, Web Development, C++ Language, C Programming, Machine Learning, Algorithms, Artificial Neural Networks, PCB layout design, MongoDB, Express.js, JavaScript, Node.js

SUMMER INTERNSHIP / WORK EXPERIENCE

PROJECTS
Pesticide assistant android application using YOLO and Convolutional Neural Networks - Machine learning and android development Mar 2022 - Apr 2022 An automatic pesticide assistant for farmers which captures the label of the pesticide bottle and provides the instructions related to its usage and suitable plants. Pipeline consists of a 4 layered CNN for image classification and YOLO for boundary detections. Learnt OpenCV , Keras call backs and Keras image pre-processing techniques and tensor flow APIS. Got a good experience in training a deep learning model from scratch.
NODE-MCU(Automatic corona case updater),RFID based attendance system - Electronics Jan 2021 - Feb 2021 Corona kit with RFID based attendance system NODE-MCU IOT based corona tracker automatic hand sanitizer

POSITION OF RESPONSIBILITY
Member - Team Octane Racing COEP Feb 2021 - Present Part of Low Voltage System at the club

EXTRA CURRICULAR ACTIVITIES
COEP art and craft club

AWARDS AND RECOGNITIONS

CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
certified web developer	Udemy	course completion certificate for web developer bootcamp

COMPETITIONS

CONFERENCES AND WORKSHOPS

TEST SCORES		
TEST NAME	DATE OF EXAM	SCORE

PATENTS

PUBLICATIONS

SCHOLARSHIPS

VOLUNTEER EXPERIENCE
LANGUAGES KNOWN
Hindi, English, marathi, Kannada