

@parasbhalodiaaa in

PARAS BHALODIA

Born 10th October, '99, Male



Electronics & Communications

Senior Undergraduate

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Education

- **Gujarat Technological University, Chandkheda, Ahmedabad** **Graduation 2022**
Bachelor's in Engineering (BE) Electronics & Communications from Government Engineering College, Rajkot. CPGPA 6.6, CPI 6.6
- **HSC and SSC from Council of Indian School Certificate Examinations CISCE** **Graduation 2014-2018**
Completed from S N Kansagra High School, Rajkot (Sub: PCMB) **(Percentage) HSC 81.2 | SSC 86.8**

Extra-Curricular Experience

- **GTU Winter Robotics Club:** Training in robotics and participation for the year's mini-robocon. Learnt various concepts in Arduino, Raspberry Pi, Bluetooth controllers, sensors and actuators, Mechanical aspects of a robot etc. Bots MR1 & MR2 **June 2019-Oct 2019**

Skills

- **Programming Lang** Java, C, C++, JavaScript, PHP, Python, Verilog, SystemVerilog, HTML, CSS
- **Tools/OS** Github, AWS, Linux, Windows, Wordpress, Quartus, PSpice
Scilab, Arduino IDE, Fritzing, uVision, Microsoft Office
- **Libraries** Matplotlib, React.JS, Node.JS, PyTorch, NumPY, BootStrap, Elementor

Major Courses

Control Systems, Network Theory, Signal & Systems, Advanced Microprocessors and Controllers, Analog & Digital Comms, VLSI, Antennas, Fiber Optics, Computer Networks, Embedded Sys, Web Technology, AI, ML, IoT.

Research & Projects

- **Java E Learning:** Demonstrates capabilities to choose menus, exception handling, user inputs, mathematical processing, inbuilt programs, display errors. Other python, C++ and HTML scripts.
- **Walter 2.0 Quadruploid Robotic Insect:** Customized PCB and Arduino IDE program as an object avoiding, light sensing, random motion generation insect.
- **Verilog HDL Programs:** Simple MSP2, GCD, 16 bit ALU, Serial adder.
- **Design Engineering Drowsiness Detection System:** Using Python and Open CV, implemented a drowsiness detection system for safety of long route drivers.
- **Quadcopter Drone:** Ongoing project to make a customized quadcopter with gimbal stabilization for HD video shootings. Also aiming to design a fully functional simple flight controller.

Scholastic Achievements / Certifications

- Secured an AIR 3006 in IMU-CET in 2019. Secured ACPC rank 17517 in 2018.
- 93.6 PR in Prestigious JEE Mains examination while reappearing in 2019 out of a million candidates.
- Cleared technical entrance only, for KVPY 2017 Stream SX examinations.

Certifications: One Month™ Company Courses HTML, CSS, Python, SQL, JavaScript, Product Management
Cisco BootCamp 2021. Cultural and Social Activity Certifications. (Non-technical)

I hereby declare that the above furnished information is true to best of my knowledge. *Paras Bhalodia*