

Gopala Dhar

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CAREER OBJECTIVE

As an *Electronics Engineer*, in my Second Year, I've developed a urge for practical knowledge, be it working on algorithms or interfacing Sensors.

I Believe that **Automation** is the future and would like to pursue a Career in Automation with implementation of *Machine Learning* and *Neural Networks* along with *Computer Vision*.

I foresee its Implementation to solve Real Word issues and I would be gratified if I could help the World become a better Place.

ACADEMIC DETAILS

| Examination | University/Board | Institute | Year | CGPA/% |
|--|--|--|------|----------|
| Undergraduate (4th Sem, Electronics) | <i>Autonomous</i> (Mumbai University) | Sardar Patel Institute of Technology, Mumbai | 2018 | Pursuing |
| Undergraduate (3rd Sem, Electronics) | <i>Autonomous</i> (Mumbai University) | Sardar Patel Institute of Technology, Mumbai | 2017 | 10 |
| Undergraduate (1st Year, Electronics) | <i>Mumbai University</i> | Sardar Patel Institute of Technology, Mumbai | 2017 | 9.04 |
| Higher Secondary | CBSE | Delhi Public School, Jammu | 2016 | 91.2 |
| Matriculation | CBSE | Delhi Public School, Jammu | 2014 | 10 |

PROJECTS AND COMPETITIONS

1. eYRC (2017)
2. Robocon (2016, 2017)
3. Land Mine Detection and Mapping (IICDC 2017)

TRAINING AND INTERNSHIP

- College Certified Course in **LabVIEW**
- College Certified Course in **Verilog**

RESEARCH PUBLICATIONS

1. BDR problem solving through SIMULINK and MATLAB has been taken up and outcome of results will be submitted for publication during this year

TECHNICAL SKILLS

- Possess hands on experience of Micro-controllers and Micro Computers such as Arduino, Raspberry Pi etc
- Indepth working knowledge of Image Processing through Open-CV
- Interfacing experience of a Host of Sensors including IR Arrays, Lidar Sensor, Ultrasonic Module etc
- Well versed with Pneumatics and DC motors including BLDC, Steppers and Servos
- Ability to design basic Circuits and Drivers

- Familiar with Languages: C, Python, VHDL, Verilog

SOFT SKILLS

1. Very good ability to work in a Team
2. Possess excellent Communication Skills
3. Problem Solving and Time Management attitude

EXTRA- CURRICULAR ACTIVITIES

- Member of Fire and Security Association of India
- Active Participant of Versova Beach Clean Drive
- Avid Badminton Player

CO- CURRICULAR ACTIVITIES

1. Member of the College Robocon Team From The Past Two Years
2. Organized Technical workshop for Juniors