



# SUBRAT PRASAD PANDA

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## •EDUCATIONS•

- Indian Statistical Institute, Kolkata** [2019-2021]  
Master of Technology, Computer Science
- National Institute of Technology, Silchar** [2012-2016]  
Bachelor of Technology, Electronics and Instrumentation Engineering

## •EXPERIENCES•

- Aviation Executive,**  
**Hindustan Petroleum Corporation Limited (HPCL),** [July 2016 – Oct 2018]  
Mohali ASF, Chandigarh International Airport  
Maintenance, Repair and Management of equipments for Aircraft Refueling.
- Summer Intern,**  
**Defence Research and Development Organization (DRDO),** [May 2015 – July 2015]  
Defence Terrain Research Laboratory (DTRL), New Delhi

## •PROJECTS & PUBLICATIONS•

- Research Paper on: “Image Contrast Enhancement in Spatial Domain using Fuzzy Logic based Interpolation Method,” IEEE-SCEECS, Mar, 2016. [\[Link\]](#)
- Real-Time Position Control of DC Motor using PID and Fuzzy Logic [2], Apr 2016. [\[Link\]](#) (Thesis)
- Colored Image Contrast Enhancement in Spatial Domain using Histogram Equalization and Cubic Spline Interpolation [3], Developed in C++, May 2015 – July 2015 [\[Link\]](#) (Summer Intern)
- Modeling of Hybrid Energy Storage for Photo-voltaic Application in Simulink, MATLAB [2]. [\[Link\]](#)
- Gesture Controlled Mouse Pointer using LabVIEW, April 2015 [\[Link\]](#)

## •ACHIEVEMENTS•

- Texas Instruments Innovation Challenge 2015;** Project “Non-Invasive Digital Blood Pressure Meter” [\[Link\]](#)
- General Electric Edition Challenge 2016;** Finalist; Project: “Internet of Things based Engine Exhaust Gas Monitoring System.” [\[Link\]](#)

## •SOFTWARE SKILLS•

- |             |           |         |            |
|-------------|-----------|---------|------------|
| 1. C/Python | 2. MATLAB | 3. MERN | 4. Arduino |
|-------------|-----------|---------|------------|

## •RESEARCH INTERESTS•

- |                       |                    |                     |                            |
|-----------------------|--------------------|---------------------|----------------------------|
| 1. Internet of Things | 2. Embedded System | 3. Image Processing | 4. Artificial Intelligence |
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## •HOBBIES•

1. Web Development, 2. Watching TED Talks, 3. Reading Tech Blogs, 4. Badminton, 5. Photography

