

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•

1. Research Paper on: “Image Contrast Enhancement in Spatial Domain using Fuzzy Logic based Interpolation Method,” IEEE-SCEECS, Mar, 2016. [\[Link\]](#)
2. Real-Time Position Control of DC Motor using PID and Fuzzy Logic [2], Apr 2016. [\[Link\]](#) (Thesis)
3. 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)
4. Modeling of Hybrid Energy Storage for Photo-voltaic Application in Simulink, MATLAB [2]. [\[Link\]](#)
5. Gesture Controlled Mouse Pointer using LabVIEW, April 2015 [\[Link\]](#)

•ACHIEVEMENTS•

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

•SOFTWARE SKILLS•

1. MATLAB
2. Python
3. MERN Stack
4. Arduino

•RESEARCH INTERESTS•

1. Internet of Things
2. Image Processing
3. Health Informatics
4. Artificial Intelligence

•HOBBIES•

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

•REFERENCES•

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