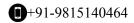
Subrat Prasad Panda







EDUCATION

National Institute of Technology, Silchar

Bachelor of Technology, Electronics and Instrumentation Engineering, 2012-2016 Grade (CPI) – 7.92/10.0

EXPERIENCE

Aviation Executive,

Hindustan Petroleum Corporation Limited (HPCL), Mohali ASF, Chandigarh International Airport, [July 2016 – Oct 2018] Maintenance, Repair and Management of equipment for Aircraft Refueling

Summer Intern,

Defence Research and Development Organization (DRDO), Defence Terrain Research Laboratory (DTRL), [May 2015 – July 2015] Project on Image Processing using C++.

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 & Simulink 2. LabVIEW 3. MERN 4. C++; Python 5. PLC 6. Arduino

INTERESTED

1. Embedded Systems 2. Image Processing 3. Internet of Things 4. Artificial Intelligence

HOBBIES

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

REFERENCES

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