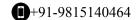
Subrat Prasad Panda







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 – Present] 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]
- 6.Line Follower Bot using IR sensor and Arduino, January 2013

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

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4. C++ 5. Programmable Logic Controller 6. Arduino

INTERESTED

1. Embedded Systems 2. Mobile Computing 3. Cyber-Physical System

4. Computer Vision 5. Artificial Intelligence 6. Internet of Things

HOBBIES

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

REFERENCES

[1] Dr. Rajdeep Dasgupta
[2] Dr. Munmun Khanra
[3] Ms. Munmun Baisantry
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