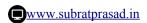
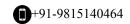
Subrat Prasad Panda







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]
- 3. Modeling of Hybrid Energy Storage for Photo-voltaic Application in Simulink, MATLAB [2]. [Link]
- 4.Colored Image Contrast Enhancement in Spatial Domain using Histogram Equalization and Cubic Spline Interpolation [3], Developed in C++, May 2015 July 2015 [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; Top 25 Finalist; Project: "Internet of Things based Engine Exhaust Gas Monitoring System." [Link]

SOFTWARE SKILLS

- 2. LabVIEW; My-RIO; C-RIO
- 3. MERN Developer,

5. C++

- 4. Programmable Logic Controller
- 6.Arduino

INTERESTS

- 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

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