ROHAN GIRI

7008115923 girirohan36@gmail.com SRMIST, Chennai

EXPERIENCE

Hardware Engineer and PCB Designer
July '17 - Present

Beeclust Multi Robot Systems Lab

- Multi Agent Coordinative Printing System
- Logistics using Semi Autonomous Multi Robot Systems

Junior Hardware Intern
Sept '18 - Nov '18

Generation Infinite Machines

- Familiarization to Hardware Designing and Interfacing
- Involved in designing and developing the Hardware segment of the Food Tech Product "SmartBatter"

Project Intern
June '19

National Thermal Power Corporation

- Worked in the Control And Instrumentation Department

PROJECTS

LOGISWARM

- Logistics using Semi Autonomous Multi Robot Systems
- Cooperative Transport and Logistics using Multi Agent Systems

POWERCHAIN

- SIEMENS Make It Real Hackathon 2018 (4th Finalist)
- Home automation Integrating IOT and Blockchain for incentivising consumers through Cryptocurrency(Steem)

MEDICLUST - Electronic Braile Device

- SIEMENS Make It Real Hackathon 2017
- Plug and Play Device for Visually Impaired using Haptic Feedback

SMART BATTER

- Hardware Designing And IoT Establishment
- Smart Machine to make Batter and accessed through cloud

PUBLICATIONS

Human Pose Estimation Based Robust Gait Generation and Estimation in Humanoid Robot

- Gold Medal for the Best Presentation
- IRAJ Excellent Paper Award
- International Conference on Electrical Engineering and Control Technologies (ICEECT 2019)

Classification of Retinal Diseases Using Transfer Learning Approach

- International Conference on Communication and Electronics System (ICCES 2019)
- IEEE , Scopus Indexed

EDUCATION

SRM Institute of Science And Technology
Electronics And Communication Engineering - UG

% 83.6 Chennai

KIIT International School
Science

% 86.4 Bhubaneswar

Kendriya Vidyalaya
Higher Secondary

% CGPA 10 Baripada

WORKSHOP ORGANSIED

PCB Design, Fabrication and Assembly

- IEI National Workshop July 2018

Speech Signal & Medical Image Processing Sept 2017

- ICMR And IET National Workshop

TECHNICAL SKILLS

- Neural Networks
- Eagle CAD
- Product Design
- IoT
- MATLAB
- C++
- Hardware Design
- Biomedical Image Processing
- 3D Printing

PERSONAL SKILLS

- Creative Spirit
- Team Player
- Fast Learner
- Optimist
- Organized
- Time Management
- Adaptable

INDUSTRIAL TRAINING

BSNL June 2018
MODEM And Mobile Communication

NALCO Dec 2017
PLC Instrumentation in Potline Division

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