ROHAN GIRI

@ girirohan36@gmail.com ☎ 7008115923 ⚲ Chennai
⚲ http://rohangiri.strikingly.com in rohan-giri-86a6bb88 ⚲ girirohan36

EXPERIENCE

Hardware Engineer and PCB Designer
Beeclust Multi Robot Systems Lab

📅 July 2017 – Present ⚲ Chennai

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

Hardware Engineering Intern
Generation Infinite Machines

📅 Sept 2018 – Nov 2018 ⚲ Chennai

- Familiarization to Hardware Designing and Interfacing
- Designed and Developed the Hardware segment of the Food Tech Product - SmartBatter
- IoT Establishment and Embedded Design

Project Intern
National Thermal Power Corporation

📅 June 2019 ⚲ Darlipali,Odisha

- Worked in the Control And Instrumentation Department

PROJECTS

LOGISWARM

- Logistics using Semi Autonomous Multi Robot Systems
- Cooperative Transport 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

- Designed and Developed the Hardware segment
- Smart Machine to make Batter and accessed through Cloud

PUBLICATIONS

🏆 **Human Pose Estimation Based Robust Gait Generation and Estimation in Humanoid Robot**
ICEECT 2019 (ASAR, SPRINGER Indexed)
Gold Medal for the Best Presentation
IRAJ Excellent Paper Award

🏆 **Classification of Retinal Diseases Using Transfer Learning Approach**
International Conference On Comunication And Electronics Systems ICCES 2019 (IEEE,Scopus Indexed)

LANGUAGE

English Hindi Odia

EDUCATION

B.Tech
SRM Institute of Science And Technology

📅 2016 - 2020 ⚲ Chennai

Electronics And Communication Engineering -83.6

Intermediate
KIIT International School

📅 2014- 2016 ⚲ Bhubaneswar

Science CBSE - 85.4

Secondary School
Kendriya Vidyalaya

📅 2014 ⚲ Baripada

CBSE - CGPA 10

WORKSHOPS ORGANISED

PCB Design,Fabrication and Assembly
IEI National Workshop

📅 July 2018 ⚲ ECE Dept,SRMIST

Speech Signal Medical Image Processing
ICMR And IET National Workshop

📅 Sept 2017 ⚲ ECE Dept,SRMIST

TECHNICAL SKILLS

Eagle CAD Neural Networks IOT
MATLAB Python Product Design
Biomedical Image Processing
Hardware Design 3D Printing

PROFESSIONAL SKILLS

Creative Spirit Team Player Optimist
Organized Adaptable Fast Learner

INDUSTRIAL TRAINING

BSNL (June '18)
- MODEM And Mobile Communication

National ALuminium COmpany (Dec '17)
- PLC Instrumentation in Potline Division

TECH SUPPORT

Smart India Hackathon'19 (Hardware)