Harshit Gupta

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EDUCATION

ORIENTAL INSTITUTE OF SCIENCE & TECHNOLOGY
BTech in Electronics & Communication Engineering
2018-2022 | Bhopal, MP, India
CGPA: 8.59 / 10.0

MISS HILL HIGHER SECONDARY SCHOOL
Higher Secondary Education
2017-2018 | Gwalior, MP, India
Percentage: 76.4%

SANSKARITI PUBLIC SCHOOL
High School Education
2015-2016 | Karera, MP, India
CGPA: 9.6 / 10.0

LINKS

LinkedIn:// **HarshitGupta**
Github:// **HarshitGupta**
HackerRank:// **HarshitGupta**
Stackoverflow:// **HarshitGupta**

SKILLS

DEVELOPMENT
- Python • JavaScript
- HTML • CSS
- mongoDB • Express.js
- Git • Node.js • Postman

DEPLOYMENT
- Heroku • mongoDB Atlas

ELECTRONICS
- PCB Design • Embedded C
- EasyEda • Micro-controllers

ACHIEVEMENTS

1ST, ORIENTAL BHOPAL
April, 2019 Bhopal, India
Circuit Design Event TechFizz Bhopal

2ND, VIGYAN MELA
September, 2019 Bhopal, India
Internet Of Things
Based Home Automation

EXPERIENCE

LEARN ELECTRONICS INDIA Electronics Intern
Oct 2020 - Nov 2020 | Ahmedabad, GJ, India (Remote)
Completed 10 DIY based electronics projects which covers basics and intermediate practical knowledge of Electronics components, Micro-controllers, Embedded C, Internet of Things etc.

PROJECTS

SECURITY SYSTEM Apartment Security System
IoT • Raspberry pi • Home Assistant • Esp Home • Python • YAML

- Developed security system for apartments.
- System will have server, camera, several nodes and main nodes.
- IoT will help server to notify owner if intruder try's to break through the main door or windows.
- There are several other nodes connected with server, Which will notify instantly if gas leakage or fire took place in the apartment.
- Camera will capture the image of the intruder, If he success to break through the main door or window (This feature is under development).

ROBOTIC HAND Research On Human Hand Movement
Micro-Controller • Embedded C • Research • Arduino
Researched based project for developing a robotic hand based on human hand movement. see project **Robotic Hand**.

HOME AUTOMATION Controlling Home Appliance using IoT
Micro-Controller • Embedded C • AWS • NodeMCU
Developed a IoT device which can control various electronics appliance over the internet via AWS using MQTT protocol. See project **Home Automation**.

DAILY JOURNAL Blog webapp
JavaScript • Bootstrap • Express.js • Heroku • EJS • MongoDB
Developed and deployed the back-end of blog application which is used to post various types of blogs. See project **DAILY JOURNAL**.

COMMUNITY WORK

STEM GARAGE Senior Mentor
Aug 2019 - Mar 2020 | Bhopal, MP, India
As a senior mentor, I have to lead 30 to 40 community members working on different types of STEM based project and we also provide the free courses for them.

SKILL BADGES

JAVASCRIPT Linked In Skill Assessment Badge
CSS Linked In Skill Assessment Badge
MONGODB Linked In Skill Assessment Badge
PYTHON Basic Python Skill HackerRank