JASMEET SINGH

Electronics Student from New Delhi
email: jasmeet0915@gmail.com
Mobile: 8802327251

About Me:

I am a first year Electronics and Communication student from New Delhi. Driven by never ending thirst of knowledge, I like to get my hands dirty with projects. I like to build projects at intersection of hardware and software. Being greatly attracted to the field of Artificial Intelligence and Computer Vision, I like to make the electronic devices smarter and more reliable.

Education:

Currently enrolled in:

Bachelor's of Technology, Electronics and Communication Engineering
Maharja Agrasen Institue of Technology, GGSIPU

Projects:

Real Harry Potter Wand

Computer Vision|Machine Learning|Raspberry Pi

Inspired from the Interactive Wands at Wizarding World of Harry Potter in Universal Studios, I created a DIY version of those wands using Computer Vision, Machine Learning, a Raspberry Pi and some other basic electronics. This project allows me to open/close a box with the correct flicks of a retro-reflector tipped Harry Potter Wand.

Poseidon: The Water Saver

Arduino

This was a cheap water saving system I built for my school. Making the use of an ultrasonic sensor, an arduino UNO was used tomeasure the water level in an overhead tank and accordingly control the motor on the ground floor with HC-12 wireless serial communicationmodules. The arduino also notified the person in-charge about switching on/ off of the motor by giving a missed call on their phone using a GSM module.

Acheivements and Mentions:

- A project showcase article was written about my 'Real Harry Potter Wand' project in the MagPi Magazine(Official Raspberry Pi Magazine) issue no. 86 in October 2019.
- My project 'Real Harry Potter Wand' got featured on Raspberry Pi official website where a blog was written about the project.
- My project 'Real Harry Potter Wand' was declared as the 'Project of Week' on Hackster.io
- Secured First Prize in Astronomy Quiz, Wartex DAV Dayanand Vihar
- Secured Runner's Up in Symposium on Artificial Intelligence, Infoyage, Cambridge School Indirapuram