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|  | | | Harshita Dhaundiyal  Graduate - Electronics and Comm. Engineering |  | [dhaundiyalharshita@gmail.com](mailto:dhaundiyalharshita@gmail.com?subject=Reference%20from%20your%20resume) | | | |  |
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|  | | | | | | | | | |
| Experience – Projects & Training | | | |  | Skills | | | | |
|  | | | |  | | | | |
|  | SMART PARKING SYSTEM USING ARDUINO | | |  |  |  | | | |
| SITM, NOIDA | | |
| 09/2018 – 04/2019 | | |
|  | | |
| E2E (end to end) system is developed to replace the physical status update of vacant space in multi-level parking lots.  Making parking **easier**, **faster** and **cost effective**.  Systematic flow (describing Input, Solution , Output): | | |
| - | Proximity Sensors signals as soon as vehicle fills up the space | |
| - | **Arduino Uno (Brain)** perform multiple computations on collected signals and update the position of parking spaces | |
| - | Output a simple readable summary containing status “green” for availability, “red” for un-availability along with number of vacant, busy spaces resp. on LED screen | |  | | | |
| Education | | | | |
|  | | |  |  | | | | |
| TRAIN INTEGRATED MANAGEMENT SYSTEM | | | B. Tech. (Electronics and Communication) | | | | |
|  | DMRC, Delhi | | | Dr. APJ Abdul kalam University, Noida | | | | |
| 06/2018 – 07/2018 | | | 04/2015 – 04/2019 | | | | |
|  | | |  |  | | | | |
| **Delhi Metro Rolling Stocks** comprises of ROTEM, Mitsubishi Corp., Mitsubishi Electric Corp managed by BEML (Bharat Earth Movers Limited).  **TIMS** on 7 Lines is integrates vehicle’s Brakes & Pneumatics, AIRCON, PA/PIS, DOORS.  Silent Features TIMS, got exposed to during training: | | |  | Professional Development | | | | |
|  | Cisco Networking | | | |
| APTON SOLUTION PVT. LTD., Noida | | | |
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|  | | | |
| - | **Train Formation** in which I have learned about supply voltage and fail safe braking system with regenerative braking | |  |  | Entrepreneur Development Program | | | |
| National Institute of entrepreneur and small business development, Noida | | | |
| - | **Saloon Interior** in which I have learned about lighting systems. How system is breaks into AC and DC for normal and emergency lighting along with **Gangway Lights** | |  |  |  | | | |
| Awards and recognitions | | | | |
|  | First position in Inter-college women cricket | | | |
| - | More I got exposed to Traction inverter, auxiliary power supply, Brake electronic control units, Door control units, Air conditioners | |  |  | | | |
| Second position in Inter-college Lawn Tennis Competition (Mixed Doubles) | | | |
|  |  | |  |  |  |  | | |
| SMART WASTE TECHNOLOGY | | |  | Language | | | | |
|  | SITM, Noida | | |  |
|  | 09/2017 – 04/2018 | | |  |  | | |  | |
|  | In proposed system, the level of garbage is detected with the help of **ultrasonic** **sensor** and sent to the authorized agency for garbage collection through GSM system. | | |  | ENGLISH | | |  | |
| HINDI | | |  | |
|  | Complete solution uses **PIR** **sensors** to detect the motion of the people coming to the garbage bin with trash while bin is at full status and block adding of any more garbage by informing them by **speaker**. | | |  |  |  |  | | |
|  | Solution is **scalable** for any size of garbage disposable site or container, advanced in **informing** the collection vans through GSM or via control room environment | | |  |  |  |  | | |