Insha Jamal

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ACADEMIC QUALIFICATIONS

Year	Degree	Institute	CGPA / Percentage
2019	B.Tech(ECE)	Lovely Professional University, Phagwara	9.1/10
2014	XII(CBSE)	Vishnu Bhagwan Public School, Allahabad	77 .8%
2012	X(CBSE)	Vishnu Bhagwan Public School, Allahabad	9.6/10

INTERNSHIP

All India Radio, Allahabad   *Jun 2017- July 2017*

- **Radio Signal broadcasting:** Done 4 weeks of Industrial Training at All India Radio (Allahabad). (Division of Radio broadcasting unit of Prasar Bharti). The aim was to know about the signal broadcasting of the F.M and A.M signals. Got the real experience of how the different units compile to transmit the signal. Apart from the transmission studio setup, sound acoustic, noise reduction measures, power supply and antenna basics is studied there. The newly installed digital systems and their related devices is also studied there.

WORKING EXPERIANCE

- **INTERN- Programmer Trainee Analyst at Cognizant Technology Solutions (Kolkata)**   **January 2019-May 2019**

  Worked as an intern in Cognizant for 4 month, learned and implemented core technology like Java, HTML, Jsp, bootstrap etc.

TECHNICAL SKILLS

Programming Language:- C, C++, Java , Python.

Core Domain:- Verilog, Cisco CCENT (Router and Switches), 8051 microcontroller, 8085 microprocessor, Arduino , IOT , Raspberry Pie, Introduction of ARM.

PROJECTS

1. **Autonomous Wireless Electric Billing & Monitoring System (AWEBMS)**
   About:-The project was to develop a centralized system for billing where individual houses are directly linked with the cloud based service and thus minimize the fishing of electricity that is usually done in every house hold.

2. **Library Stacking Robot**
   About:-The project was to build a 4 axis bot equipped with RFID reader that can read the books and stack them on their position. This concept was presented in DELTA CUP (China).

3. **Autonomous Pyraminx Solver**
   About:-The project is to build a mechanical structure to solve the Pyraminx using image processing with OpenCv.

POSITION OF RESPONSIBILITY

- Research member at LPUSAT(Ground Station)-- Lovely Professional University   *2017*-2018
- Co-Founder of youtube channel ELECTRO-o-HOLIC   2016-Present

EXTRA CURRICULAR ACHIEVEMENTS

Training/Workshop	- Attended 5 days training on Industrial Automation in DELTA ELECTRONICS. - Attended workshop on IOT organized by I3Indya . - Attended workshop of Amazon Alexa's skill development seminar on AWS platform. - Done 8 week course (Routers and Switches) on Cisco Certified Networking Academy - Done 12 weeks course on IOT from NPTEL by IIT Kharagpur.
Achievements	- Awarded 1st Prize in IOT challenge organized by YouthVibe in Lovely Professional University. - Awarded 2nd Prize in Explorica 2017 organized by Lovely Professional University. - Participated in Rajasthan Hackathon 4.0(2018) conducted by Rajasthan government. - Presented Idea in TECHgm conducted by L&T. - Presented Idea in ANVESHAN 2018 conducted by Analog Devices.

LANGUAGE PROFICIENCY

- Hindi
- English

PERSONAL DETAILS

- Date of Birth : 7th July 1995
- Nationality : Indian
- Address : 36C/6K Prakash Puram, Kareli ,Allahabad U.P.