

MOHAMMAD SAQIB MANAN

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09/02/2000 



OBJECTIVE

To pursue research in the field of Electronics Engineering and work in the sector of technology which demands the best of my professional ability in terms of technical and analytical skills, and helps me in enhancing my current knowledge for development of the current technologies for the betterment of society.



EDUCATION

B.Tech – ECE | Shri Mata Vaishno Devi University, J&K | 2017 - PRESENT

CGPA – 7.96 (Till Sem-6)

XII (Senior Sec.), Science | RANBIR HIGH SEC. SCHOOL, JAMMU | 2016-2017

77.2 %

X (Secondary) | ST. PETERS HIGH SCHOOL, BC ROAD, JAMMU | 2014 - 2015

89.6 %



INTERNSHIPS

Embedded Firmware & IoT Engineer | Things Go Social | 25TH May 2020 - Present

This work from home internship required me to popularize the concepts of IoT and Embedded Systems, brand awareness and business development of the company.

Project Intern | Zunik Energies Pvt. Ltd. | 15th March 2020 – 15th April 2020

To design and build an Electric Cycle for the national level electric cycle championship as an embedded system and IoT engineer.

Networking Intern | J&K Media Networks Pvt. Ltd. | 22nd May 2019 – 16th July 2019

To implement hardware and software networking in a real-time scenario for the telecommunication systems.



SKILLS

- **Programming** | C, C++, Python, Embedded C, HTML5, MATLAB.
- **Hardware** | Arduino, Raspberry Pi, ESP 12-e, Microprocessors and Microcontrollers.
- **Design** | PCB design and Fabrication.
- **Leadership Skills.**
- **Software** | MATLAB, Xilinx ISE, Eagle, Multisim, Mentor Graphics, Opti system, Arduino IDE, Android Studio, Microsoft Office, Adobe Photoshop.
- **Project Management.**



TRAININGS

Google Cloud Essentials | QWIKLABS | July 2020 – August 2020
Programming for Everybody (Python) | Coursera | April 2020 – May 2020
Internet of Things and Embedded Systems | Coursera | April 2020- May 2020
Essentials of Entrepreneurship | Coursera | April 2019 – May 2019
Networking and Communications Trainee | BSNL | May 2018 – June 2018
Python | Internshala | May 2018 – August 2018



PROJECTS

UV Chamber using Embedded Systems and IoT | July 2020 - August 2020

The chamber controlled manually as well as with the app. It automatically sterilizes the objects in it and gives an indication after the objects are completely sterilized.

UV Sterilization Bot (Manual) using IoT | June 2020 – August 2020

The robot controlled manually as well as with the app and can be placed at any location, sterilizing the surroundings while detecting the motion during the process.

Vehicle Tracking System Using IoT | Jan 2020 – July 2020

This device as small, can measure the location, humidity as well as temperature of the vehicle and is integrated with the google Maps api.

Home Automation System Using IoT and MQTT | June 2020 – August 2020

This device can connect your home with the cloud through MQTT ensuring quality of service and giving the user full access to your home including motion detection and temperature sensors.

Electronic Voting Machine using Embedded Systems | Aug. 2019 – Nov. 2019

This version of EVM is more secure as it comes with a fingerprint authentication, low power consumption and power loss data recovery as Non-Volatile memory is used.



CERTIFICATES

- | Secured 5th Position in **National Electric Cycle Championship** held by **Zunik Energies (IIT Roorkee)**
- | Winner of 4 technical events in **Titiksha, SMVDU**
- | Organized an **IOT workshop**, a **Mega-Event** and 3 **School events** in **Titiksha, SMVDU**
- | Letter of Appreciation by **SMVDU** for being **Event Head** at Technical fest of **SMVDU**
- | Secured Elite Silver certificate in **NPTEL Introduction to Internet of things** exam. (**IIT-Kharagpur**)
- | Secured Elite Gold certificate in **NPTEL Non-Conventional Energy Resources** exam. (**IIT-Bombay**)
- | Secured Elite certificate in **NPTEL Microprocessors and Microcontrollers** exam. (**IIT-Bombay**)
- | Participated in **E-cycle Prototype Development** workshop By **Zunik Energies**.



AREAS OF INTEREST

Internet of Things, Microprocessors, PCB fabrication, Semiconductors, Web development.



REFERENCE

Dr. Rakesh K. Jha

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