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SKILLS

- MATLAB
- Python programming
- Java programming basics
- C++ programming
- Raspberry Pi, Arduino, PIC, 8051
- PCB designing
- Soldering
- Technical writing
- Creative writing
- Project management
- Problem Solving
- Team player

ACHIEVEMENTS

- Published a poem in college magazine Mask 2019-2020.
- Participated in various workshops ranging from quadcopter to IoT.
- Presented a paper on Field Oriented Control of Permanent Magnet Synchronous Motor(PMSM) published by IEEE.

LANGUAGES

- English
- Hindi
- Urdu
- Malayalam

RINZA RASHEED K P
ELECTRONICS AND COMMUNICATION ENGINEER

To work in a globally competitive environment to upgrade my skills and abilities of Engineering & meet the demands of the organization that offers professional growth while being resourceful and innovative.

EXPERIENCE

IoT INTERNSHIP

Pace lab Research and Product Development July 2019-July 2019

- Designed multiple elecronic circuits
- Created android app and connected to IoT
- Completed an IoT Project
- Software learnt: Arduino

PROJECTS

IoT Based Automatic Fault Detection In Transmission Line Sept 2020-June 2021

- Developed an automatic fault detection system and exact location is being mapped by implanting a set of units on various points of power distribution line.
- Use sensors to sense the incoming and outgoing values and detect anomalies namely line breakage, voltage variation, illegal power consumption and street light controlling.
- Integrated with IoT mechanism using modules Raspberry Pi, PIC, Bluetooth, Zigbee.

Data Logger of Brain Parameters in Google sheets using Mindwave Mobile with Raspberry pi Aug 2019-Dec 2019

- Proposed Mindwave device when placed in the human brain reads the brain parameters like attention, meditation and various EEG bands like alpha, beta, gama etc.
- Analysis is based on machine learning to our brain by means of logs of data which should contain brain values using Raspberry Pi, Data Logger and uploaded to Google sheets.

ORGANIZATIONS

IEEE-Institute of Electrical and Electronics Engineers Student Branch Volunteer
Volunteered in various college technical activities.

Green Campus Initiative Volunteer
Volunteered in various socio-environmental activities inside and outside the campus.

Indian Socieity for Technical Education
Member-Science and Technology

CERTIFICATIONS

- University of Michigan certified python programming through coursera.

EDUCATION

BACHELOR OF TECHNOLOGY IN ELECTRONICS AND COMMUNICATION ENGINEERING
APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY 2017-2021