Akash Aman

Project Trainee

Actively looking for full time job in industry related to education. Flexible, Responsible and hard working, adaptable in all challenging situation able to work in a team as well as on my own initiative.

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WORK EXPERIENCE

Project Trainee
Electronics Department, IIT BHU

09/2021 - 05/2022   *Varanasi*

Achievements/Tasks

- Engaged in GUI development utilizing wide range of Python and tkinter technological tools. Analyzed problems, identified solutions to create the platform for testing various devices.
- Work on REDHAT and Linux based operating system.
- Worked on shell scritping to control Object Oriented Micro Magnetic Framework(OOMMF) tool from GUI and run form terminal and scripting both, made easy way to run tool to control each FUNCTION and run simulation of circuit.
- Worked for the project with a team of 12 member and guided them how to resolve the issue when any obstacle occurs, teach them on their related queries.
- Designed and developed spintronics based application software to benefit end-users by testing their equipments smoothly, by reducing rollout time through effective multitasking on same platform.

EDUCATION

B.Tech
ABES Engineering College

07/2013 - 06/2017   *Ghazibad*

Courses

- Electronics And Communication Engineering

Intermediate
S H P School, Varanasi

Varanasi

High School
S H P School, Varanasi

Varanasi

SKILLS

Leadership skill   Self-motivated   Team Player

Quick Learner and Adaptive Nature   Shell Scripting

Linux   Editor: VIM, Notepad++

Scripting Language: Python Shell

PROJECTS

Automatic Driving System(Night Watch)

- The night watch is a typical robot having a capability to map the restricted area and save the map in it through which it is routed. It traces that same path and also detect any human interference in that zone if any. It captures the image of that and email it instantaneously.
- Working in Image Processing on Raspberry pi board, developing a new reliable method for calculating the distance other than encoders.

Industrial Automation In Rockwell Automation (PLC/SCADA)

- Automation of bottle filling system in which we used ladder logic and structured programming to use the IR sensor and switches which can control the conveyor belt which is used for filling of bottle.
- The purpose of this project is to reduce time and make cost efficient using the automation.

CERTIFICATES

Project Trainee (09/2021 - 05/2022)

Industrial Automation In Rockwell Automation (02/2016 - 05/2016)

LANGUAGES

Hindi
Professional Working Proficiency

English
Professional Working Proficiency

INTERESTS

Playing Football   Listening Poetry Conferences