Fathima Swaliha TM

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EXPERIENCE

Indian Institute of Space Science and Technology, Trivandrum — *Summer Intern*
JULY 2019 - AUGUST 2019

The project aimed to simulate various 3D objects and interconnected bodies like a car, human model, etc and Animate these using python programming language Tools used: Scilab, OpenGL, Python

RedTeam Hacker Academy, Kochi — *Summer Intern*
APRIL 2020 - MAY 2020

Red Team Hacker Academy and vulnerable machines available (Metasploitable Linux). The evaluation was conducted to identify vulnerabilities and weaknesses that could be misused by attackers and to find a solution to block the attack in the future. The areas I worked with are:
· Network and IT Infrastructure · Linux
· Open Source Intelligence Tools · Wireless Security · Web Application Security

Tutti Frutti, Kochi — *Summer Intern*
MAY 2020 - JUNE 2020

Created a scraping tool using Python to get data of Steam users.
Marketing and sales analysis, Email marketing campaigns ideas.

MissionEd, West Bengal — *Summer Intern*
MAY 2020 - JULY 2020

I worked on a chatbot for MissionEd to collect the information regarding student registration to courses provided by MissionEd with proper validation and security

EDUCATION

TKM College of Engineering, Kollam — *B.Tech (Hons.) CSE*
AUGUST 2017 - Present
Bachelor of Technology in Computer Science and Engineering.
CGPA: 8.8

PROJECTS

Medical Information System
OCTOBER 2019
A simple platform for Managing information regarding hospitals, diseases, and treatments using JAVA, JDBC with PostgreSQL. AWT UI designed in Netbeans.

Development of Mechanism Animation Software
JULY 2019 - AUGUST 2019
The project aimed to simulate various 3D objects and learn how different joints connect with each other in interconnected bodies like a car, human model, etc and Animate these using python programming language Tools used: Scilab, OpenGL .

Oppam
SEPTEMBER 2020
The Project Aimed to Solve the lack of accurate Socio-Demographic data about citizens.Data Collection and processing as well as proper visualization of data methods used to tackle this.

VAPT
APRIL 2020
Analysis conducted to identify vulnerabilities and weaknesses that could be misused by an attacker. The VAPT was done with the IP address 192.168.1.80 of the server of Red Team Hacker Academy

OBJECTIVE

To build a career in a growing organization, where I can get the opportunities to prove my abilities by accepting challenges, fulfilling the organizational goal, and climb the career ladder through continuous learning and commitment

TRAINING

Red Hat Certified System Administrator (RHCSA)
AUGUST 2020 - PRESENT

Create Your First Chatbot with Rasa and Python - Coursera
MAY 2020 - JUNE 2020
Verify at: Link

Exploratory Data Analysis with Seaborn
Coursera - May 2020
Verify at: Link

Introduction to Data Science in Python
MAY 2020
Verify at: Link

SKILLS

Programming Languages: Python, C, Java, C++
Web Development: HTML, CSS, JavaScript, React JS, C#, SQL
Others: Git, LateX, Scilab, OpenGL
Data Science: Numpy, Scipy, Pandas
Machine Learning: Tesseract
Operating Systems: Linux, Windows

PERSONAL SKILLS
Problem Solver
Quick Learner
Adaptability
Time Management
Troubleshooting and Debugging

EXTRACURRICULAR
An active member of IEDC, IEEE, ACM
Coordinator of Ethical hacking, Raspberry pi-IOT Workshop
Coordinated Debian Packaging Workshop as a part of IEEE hub meet
Execom member of IEI

ACHIEVEMENTS
CTF by IEEE Kerala Section 1st Runner Up
Code in Lockdown IEEE rank-50
Reboot Kerala Hackathon Winner 2020

COURSE WORK
Data Structures and Algorithms
Operating System
Database Management System
Computer Networks
Object-oriented programming

DECLARATION
I hereby declare that the information furnished above is true, complete, and correct to the best of my knowledge.