

Objective:-

To reach the pinnacle of professional career, being in your university will help me get a better understanding of my subjects and have abundant opportunities to grow and explore in my field.

PROJECTS:**1. Mini Project:**

Title: Smart Door Lock

Duration: January-March 2017

Objective: Our project is a raspberry pie based smart lock which can be unlocked and locked using smartphone.

This smart lock is secure, simple, and easy to manage your home's lock. This lock needs no keys and the lock is attached inside the door and you can control it from outside the door. As the lock is inside the door there is no way to break the lock. If we are outside and visitors are waiting for us, we can connect it through smartphone and open the door.

Smart door lock working algorithm: 1. In this project we have a raspberry pie board which

is the core of the design interfacing the smartphone with the door lock for locking or unlocking the same.

- Door lock is controlled by servo motors, which is activated by the pie on receiving the command from the communicating device (here smartphone).
- A Wi-Fi/Bluetooth module is also provided for remotely controlling the door using an android application. 4. As per commands given in the app the door is locked/unlocked.

Software used: Android studio, Java script.

Hardware used: Raspberry pie, High torque servo motor, Led lights, Jumper wires, Solenoid, Minimum -1GB RAM, Minimum -4GB ROM.

Role: I have worked on the backend programming and the connectivity of the Raspberry pie to the application.

2.Major Project:

Title: Twitter trends manipulation analysis

Duration: January-March 2017

Objective: We study Twitter trending at topic level, considering topics' popularity, coverage, transmission, potential coverage, and reputation. The corresponding dynamics for each factor above are extracted, and then Support Vector Machine (SVM) classifier is used to check how accurately a factor could predict trending. We further illustrate the interaction pattern between malicious accounts and authenticated accounts, with respect to trending.

We present the threat of malicious manipulation of Twitter trending, given compromised and fake accounts in the suspect spamming infrastructure we observed. Then we demonstrate how compromised and fake accounts could threaten Twitter trending by simulating the manipulation of dynamics as compromised and fake accounts would do. Corresponding countermeasures are then discussed.

Software used: Operating System: Windows 7, 8, 10 , Language: HTML, CSS, Servlets, IDE: Netbeans.

Database used: MYSQL

Role: I have worked on the backend programming and the connectivity of the database to the application.

Technical Qualification:-

- Languages known : C , C++, Java.
- Databases : SQL.
- Operating Systems : Windows XP, Vista, 7; Linux Platforms
- Area Of Interest : Web Developer, Android Application development, Computer Networks, Operating system.

CO-Curricular Activities:-

- Certificate of participation in ENVOYAGE WORKSHOP at VNR VJIET.
- Certificate of appreciation from digithon (cultivating Digital Literacy) conducted by Telangana information Technology Association(TITA).
- Organizer for Rainbow Wakathon event held in Hyderabad.

- Volunteer for THE TECH FEST-India's largest technology and design conference.

Declaration:

I hereby declare that the above information furnished by me is true to the best of my Knowledge and belief.

