B. TECH ELECTRONICS AND TELECOMMUNICATION

Name: Aditya Parikh

Date of Birth: 11th September 1998

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OBJECTIVE:

Aspiring Electronics and Telecommunication engineer in search of an opportunity to enhance my skills and utilize my knowledge for achieving the target. I would like to implement my ideas, skills and creativity for accomplishing the projects in the organization.

EDUCATION:

Degree	Institute	Board/University	CGPA/ Percentage	Year
B. Tech	Mukesh Patel School of Technology Management & Engineering	SVKM's NMIMS	2.60/4.00	Expected:- 2021
XII	St. Rocks College of Commerce, Science & Law	HSC	60.00%	2017
X	Vibgyor High School	IGCSE	63.63%	2014

TECHNICAL SKILLS:

Domain	Details
Languages	C, C++, Java, MATLAB, VHDL, Python, SQL
Operating Systems	Windows, Linux, IOS
Software	Eclipse IDE, NetSim, Arduino IDE, ISE Design 14.4, Pad2Pad, Microsoft Office, Auto CAD, emu8086, SIDE51, Keil Micro Vision IDE, SQLite, MATLAB, iWork
Designing	Amplifier, PCB, Antenna
Analytics	SAS Visual Analytics
Others	Cyber Security Risk Management(Basic), Basic of Penetration Testing, Kali Linux Tools

KEY PROJECTS:

Project Title	Duration	Platform Used	Brief Description
Image Encryption & Steganography	Current	Java & Python	- Researched and analyzed various techniques used for Image Encryption and Steganography. - Learnt how LSB method is used for Steganography - Learnt how Blowfish algorithm works for Image Encryption - Implemented Image Encryption using Java
Car Parking Management System	4 Months	Android Studio	- Researched and analyzed various techniques and technologies used such as Ultrasonic proximity sensor and Slots on LED Display for this system. - Learned about the Ultrasonic proximity sensor and Weight sensor used in this system. - Designed the program necessary for the system to work using Android Studio. - Developed an android application to simulate the parking slot available for the malls
Automatic Water Tap	4 Months	Prototype	- Designed and developed a system for the automatic water tap. - Studied the I.R proximity sensor and 2 channel relay module applications extensively and ensured PCB designing requirements were met for the project.

			● Successfully created a functioning model.
Automatic street light	4 Months	Pad2Pad	● Created a prototype for Automatic street light project. ● Studied the Pad2Pad software for PCB designing. ● Learned the basic concept of IC555 timer. ● Used IC555, LDR and Resistors to implement this project.
Automatic Washroom Light	4 Months	Pad2Pad	● Designed and developed a system for automatic washroom light. ● Used components such as Reed switch, LM741 OPAMP IC, PNP Transistor, Relay module and resistors to execute the project. ● Learned the basic application of all the mentioned components used for the prototype.

TECHNICAL - PRESENTATION/WORKSHOPS/ CERTIFICATIONS:

- Currently doing an Internship Program on Ethical Hacking from Edu Fabrica. Learning basic penetration testing and also how different mechanisms of hacking.
- Completed an Internship Program on Cyber Security from August'20 to September'20 from Smartknower. Learnt the basics of identification and authentication in cyber security.
- Completed Introduction to Cyber Security Specialization (consists of 4 courses: Introduction to Cyber Attacks, Cyber Attack Countermeasures, Real-Time Cyber Threat Detection & Mitigation and Enterprise & Infrastructure Security) offered by New York University on Coursera. Certificate earned in May 2020.
- Completed Python for Everybody Specialization (consists of 4 courses and 1 capstone project: Getting Started with Python, Python Data Structure, Using Python to Access Web Data, Using Databases with Python and Capstone: Retrieving, Processing, and Visualizing Data with Python) offered by the University of Michigan on Coursera. Certificate earned in June 2020.
- Co-head of the Organizing Committee (Event Management) for the cultural festival "Protsahan 2020" of the college. I was responsible for managing the events and handing my team.
- Attended Lucideus Technologies Pvt Ltd. certified workshop for Ethical Hacking and Cyber Security in 2018.