DIVYANSH SINGH

OBSERVATION LEADS TO CREATION
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EDUCATION

B. Tech. (ECE)	**VIT Bhopal University**	**2017-2021**	**8.55* CGPA**
Class 12	**Kendriya Vidyalaya Kamla Nehru Nagar, Ghaziabad**	**2015-2016**	**75.2 %**
Class 10	**Kendriya Vidyalaya Kamla Nehru Nagar, Ghaziabad**	**2013-2014**	**9.6 CGPA**

EXPERIENCE

Summer Intern | TheSmartBridge | [CERTIFICATE] | [PROJECT] | [05 May - 04 June 2020]

- Worked on '**Intelligent Customer Help Desk with Smart Document Understanding**' where I made a chatbot **with improvisation** by training my bot with a user manual so that whenever the questions fall out of the scope of my bot, it sends the user to that portion of manual where user can get their answers.

Summer Research Intern | NITK Surathkal | [LOR] | [PROJECT] | [06 May - 23 June 2019]

- Implemented a research paper that dealt with satellite imaging and the measurements of several endmembers of specific pixels using python and its different frameworks.
- The paper was implemented successfully with real-time data, results were refined in the final paper of my mentor and I was lonely rewarded with a **LETTER OF RECOMMENDATION** among team members.

SELECTED PROJECTS

FUTUREDICT | Predict Future Prices with Facebook Prophet [Project] | [June 2020] [PERSONAL]

- Trained the precise regression model by FACEBOOK called PROPHET with a large dataset and predicting the future prices of Avocados with data visualization gave me insight of the latest technologies used in the industries. (**Python**)

RAKSHASUTRA | Remote Monitoring System [Project] | [View] | [May - June 2020] [HACKATHON]

- RAKSHASUTRA is a mass surveillance system to monitor social distancing. The team customized the **Google Geolocation API and used IBM services** to provide the Map visuals for monitoring and **fighting against COVID- 19.**
- For easy and efficient deployability, our team proposed this as an extension for AROGYA SETU APP. (**Web Development**)

AutoWat 2.0 | Atmospheric Water Generator | [September - December 2020] [TEAM]

- An integrated system was designed for potable water extraction from atmospheric humidity. After the number of experiments, the efficiency of critical temperature was calculated to increase by 5%.
- A model of regression was also been trained to estimate the amount of water that will be generated daily with real-time data **to counter the Water Scarcity in Chennai**. (**Python**)

SKILLS

Programming Languages: Python (Intermediate), Java (Intermediate).
Tools & Frameworks (Familiar with): HTML5, CSS3, Facebook Prophet, ML, IBM Services, Arduino IDE, Proteus, Sensor Interfacing, Arduino (NANO, UNO, MEGA), LT Spice.

ACHIEVEMENTS AND RESPONSIBILITIES

- **Runner Up** in Embetronix (Obstacle Detection Bot) organized by IIT Kharagpur.
- Established the **IEEE student branch** in VIT Bhopal University and was honored as the "First Student Chair" of this branch.
- Privilege of "Student Representative (ECE)" and "Music Club Coordinator" improved my **LEADERSHIP QUALITY**.
- Organised campaigns such as **Swachchha Bhaarat Abhiyaan** and **Health Camps** being an "Active Member of NSS VIT Bhopal Unit" for the **Welfare of Society**.
- **WON** various "Football Tournaments" and gave "Band Performances" at different institutions which honed my **FITNESS, SKILLS & TEAM SPIRIT**.