

DARSHIT PANDYA

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CAREER OBJECTIVE

An ambitious and enthusiastic individual pursuing a Bachelor's degree in computer engineering looking to contribute to the software sector by gaining knowledge of the prerequisite domains through pursuing a Master's degree in Computer Science.

EDUCATION

INDUS UNIVERSITY

Bachelor of Technology in Computer Engineering (GPA: 9.87/10.00)

May, 2020 (expected)

INTERNSHIPS

Indian Space Research Organization (ISRO), Ahmedabad, India

January, 2020 – May, 2020 (expected)

Intern

- Selected under the Work Experience Internship (WEI) program offered by SAC, ISRO for pursuing the final year project.
- Plan to work on on-going projects at the institution concerning the software domain.

ipLockChain, CO, US (Work From Home)

July, 2018 – November, 2018

Intern

- Got to work on live projects concerning the development of an online professional network.
- Implemented technologies like PHP, .NET, JAVA, MongoDB and some data analytics tools.

Silverwing Technologies Pvt. Ltd., Ahmedabad, India

July, 2017

Web Design Intern

- Worked on web designing and project deployment.
- Got to learn the fundamental concepts concerning software deployment.

PROJECTS

SMART ACCIDENT P.R.O. SYSTEM

August, 2019 – October, 2019

(Guide: Prof. Srishti Uttam Sharma)

- Developed a live working toy-car model for accident prediction, prevention and recovery applications.
- Microcontroller: Arduino UNO | Sensors: Ultrasonic sensor, Wheel speed sensor, Bluetooth module
- Major focus on prediction of accident using sensor-data & ML model and optimization of Airbag triggering time.

MED.AI

February, 2019 – April, 2019

(Members: 5) (Hackathon: VishwaHack-2.0)

- Developed a website that helps to predict a serious disease through trained Machine Learning models.
- Major focus on Oncology sector, especially breast cancer prediction, using Support Vector Machine as the classifier using *Wisconsin Breast Cancer* dataset. Achieved reliable prediction results with approximately 97-99% accuracy.
- Project initiated at VishwaHack-2.0 organized by Vishwakarma Engineering College, Ahmedabad, India.

NUMBERPLATE RECOGNITION SYSTEM

September, 2018 – December, 2018

(Members: 3)

- Developed a software that fetches the Vehicle-Number from the image of a Number-Plate. Image source: CCTV cameras. Further, generation of E-Memo using the number fetched from the plate image. Target user: Traffic-Police Department.
- Major focus on pre-processing of raw image and extraction of number from the binary greyscale image.

PUBLICATIONS

Darshit Pandya: Spam Detection Using Clustering-Based SVM. *Proceedings of the 2019 2nd International Conference on Machine Learning and Machine Intelligence* (ISBN: 978-1-4503-7248-0/19/09) DOI: 10.1145/3366750.3366754 (To be published on ACM DL)

HONOURS AND AWARDS

- Winner**, Code-decode competition held by the Computer Engineering Student Association (CESA) at Indus University, Ahmedabad, India with participations from over 350 candidates from all the semesters of computer engineering department and received a price amount of INR 1000.
- Received **MYSY Scholarship** from Government of Gujarat worth INR 169,000 for pursuing engineering degree course.

CERTIFICATIONS & COURSES

- National Talent Acquisition Test (NTAT)** – SwitchIdea, India
- Database Programming with PL/SQL** – Oracle Academy
- Online Courses:** Python For Everybody-Coursera, Complete Python Bootcamp-Udemy, Blockchain Essentials-CognitiveClass.ai, IBM

SKILLS & LANGUAGES

- Technical:** Python, C, C++, Machine-Learning, Image-Processing
- Languages:** English (US), English (UK), Hindi, Gujarati