

DHRUMIL M. PATEL

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EDUCATION

GUJARAT TECHNOLOGICAL UNIVERSITY

B.E. COMPUTER ENGINEERING
April 2018* | CGPA: 8.29/10.00

BHAVAN'S NARMADA VIDYALAYA

H.S.C
June 2014 | Percentage: 58.4
S.S.C
June 2012 | Percentage: 80

COURSEWORK

UNDERGRADUATE

Analysis and Design of Algorithms
Data Structures
Database Management System
Data Mining
Computer Organization
Information and Network Security

STATISTICS

Numerical and Statistical Methods
for Computer Engineering
Vector Calculus and Linear Algebra

MOOCS

Microsoft DAT208x: Python for
Data Science
Advanced R Programming
Introduction to Big Data
Big Data Modeling and Management
Systems

SKILLS

PROGRAMMING

R • Python • C • C++ • JAVA
SQL • HTML5 • Arduino

TOOLS

R studio • Tableau • Qlik sense •
Arduino • VMWare

FRAMEWORK

Hadoop(MapReduce, HDFS) • Spark
• [dot]NET

PLATFORMS

Linux (Ubuntu, Kali) • Windows •
Mac OS

SOFT SKILLS

Problem solving • Leadership •
Self-Confidence

EXPERIENCE

COLLEGE REPRESENTATIVE | THE ENTREPRENEURSHIP CELL, INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY

August 2017 – Present | Mumbai, India

- Role: To represent E-Cell, IIT Bombay in my college and bring my personal development as well as advancement of the entrepreneurial eco-system in my college.

VOCATIONAL TRAINEE | COMPUTER DEPARTMENT, BHARUCH MUNICIPALITY

May 2017 - June 2017 | Bharuch, Gujarat, India

- Worked with various departments and officers of Municipality to understand the work-flow of Solid Waste Management in the city to develop an accurate solution for Municipal Solid Waste Management.
- Improved Municipality Website by adding subsection links and updating the information of Department officers with pictures.

PUBLICATION

RECENT RESEARCH IN WIRELESS SENSOR NETWORKS: A TREND ANALYSIS

Springer | ICT4SD 2016
Goa, India

ACADEMIC PROJECT

SMART SOLID WASTE MANAGEMENT SYSTEM

SMART INDIA HACKATHON 2017 - TOP 10

Group project • 3 years

A low-cost, dynamic, energy efficient and easily deployable embedded system is installed into a garbage container which also includes a web platform for analysis and Machine Learning algorithms to predict the future movement.

HACKATHON

SMART INDIA HACKATHON 2017

SKCET, Coimbatore | TOP 10

Role - Team Leader and Data Analytics part of the system

SMART CITY RAJKOT HACKATHON 2017

Marwadi University, Rajkot

Role - Team Leader and Machine learning part of the system

VOLUNTEER EXPERIENCE

VISAKA, GOVERNMENT OF INDIA

Student Volunteer

Dec 2016 - Feb 2017 • 3 months

Education

VISAKA - An initiative by MHRD, Government of India to identify some households and trained them regarding the various digital financial modes available to them.

FOOTPRINTS, GUJARAT'S LARGEST TECHNICAL SYMPOSIUM

Event Photographer

Feb 2015 and Feb 2016 • 2 years

Science and Technology

Official Event Photographer of Footprints X5 and X6 at Faculty of Technology, Maharaja Sayajirao University, Vadodara.