

Prakash R

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TECHNICAL SKILLS	<p>Experienced : R, Python , MySQL, Android Studio, \LaTeX</p> <p>Intermediate : C, HTML, CSS</p> <p>Novice : ARM Assembly Language, Arduino, PHP , Java</p> <p>Relevant Coursework : Data Structure and Algorithm, Computer Architecture</p>	
EDUCATION	<p>IIT Gandhinagar, Gandhinagar, India</p> <ul style="list-style-type: none">Cumulative Performance Index of 8.87/10Bachelor of Technology in Electrical Engineering with Minor in Computer ScienceAnticipated date of graduation : May 2021 <p>Maharishi Vidya Mandir, Chennai, India</p> <ul style="list-style-type: none">Scored 95% in CBSE board exam	<p>Jul 2017 – Present</p> <p>Jul 2015 – May 2017</p>
WORK EXPERIENCE	<p>Data Analysis of MPT Exam</p> <p>University of Saskatchewan</p> <ul style="list-style-type: none">Identified and removed the careless responses in the data using time and response analysis.Merged the exam database with other databases (like background details) and applied statistical analysis on the data.Recommended a better design of the exam for enhanced data collection and processing in the future. <p>Handwritten Text Recognition</p> <p>IIT Madras</p> <ul style="list-style-type: none">Assisted the team which developed an android application for Handwritten Text Recognition of Bharathi Scripts, a proposed common script for India.Applied Machine Learning concepts such as Linear Regression, SVM for the classification.	<p>Summer 2019</p> <p>Dec 2018</p>
PROJECTS	<p>Automated Paper Generator</p> <ul style="list-style-type: none">Developed an algorithm to generate a question paper in \LaTeX from the database. A question is categorized into 2 groups, one is the difficulty level and other is the topic (Algebra, Calculus).Algorithm takes the total number of question and range of the number of question required in each sub-groups as input.It was the fastest and most comprehensive algorithm in the competition. <p>Web Scraping</p> <ul style="list-style-type: none">Extracted and rearranged the data from a Wikipedia page using Beautiful Soup and urllib libraries in python. Stored the data in MySQL.Designed a User-Interface to search through the data efficiently. <p>HDR Deghosting</p> <ul style="list-style-type: none">Carried out a literature survey on the current work done in the field of HDR Deghosting and the application of deep learning to the same.	<p>Aug 2018 – Nov 2018</p> <p>Aug 2017 – Nov 2017</p> <p>Jan 2019 – Apr 2019</p>
COMMUNITY ENGAGEMENT	<ul style="list-style-type: none">Currently leading the Entrepreneurial community of the college which consists of 30 members to foster and power entrepreneurship in collegiate.Lead a team of 10 members to organize the biggest student run conclave of Gujarat which featured speakers from all around the world.	