

Harsh Patel

PERSONAL DATA

PLACE AND DATE OF BIRTH: India | 07 July 1997
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ABOUT ME

I am a resolute professional programmer. Being an inquisitive person, I have worked on various computer science domains but have primarily focused on backend development and data analytics for about 3 years.

PROJECT WORKS

Current MAR 2012	HowSafe I am currently working on creating an web-app which analyses and visualize the safety index of an area by using latest news from various sources. Project link
AUG 2018-MAR 2019	FeedBot Artificial Intelligence based FEEDBACK PORTAL SYSTEM which takes periodic feedbacks from users via highly human friendly chat-bot, analyse the responses through NLP and sentiment analysis and visualize the analysis on the portal website. Project link
FEB 2020-MAR 2020	Classification on reconstructed images The project is about classifying MNIST data of low dimensions. After de-noising the images, I classified them using feedforward network and compared its performance with classification on reconstructed images using convolutional network, where the images were reconstructed using autoencoder network. Project link
JAN 2018-FEB 2018	FRRO - An Automatic Reminder System A system where students in the institution gets reminders as messages or E-mail, where the students data is to be kept updated on cloud. The application automatically fetches the data periodically and sends reminders to the selected students. Project link
FEB 2020-MAR 2020	Marine Animals Vizualization This is a project in which we scrapped marine animals data from a website and then vizualized using neo4j database and created relationships to understand it better. Project link

SKILLS

Programming languages:	Python, Java, C/C++, Octave, Perl
Web Developement:	HTML/CSS/JS, Angular, Flask, Node.js, PHP
Data analysis:	Machine Learning (PyTorch, scikit-learn, TensorFlow), NumPy, pandas, matplotlib, Neo4j, MongoDB, MySQL etc.
Other:	Natural Language Processing, Web scrapping and automation, GUI development, Socket programming

CERTIFICATES AND ACHIEVEMENTS

<i>Current</i> MAR 2018	Co-founder of CODINGPRIVACY ORGANIZATION Aims to share knowledge via blogs and youtube videos. http://codingprivacy.com/youtube channel link
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<i>Oct 2017</i> MAY 2017	MACHINE LEARNING course by Stanford University on Coursera certificate link
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WORK EXPERIENCE

<i>Current</i> OCT 2019	Part-time Sales Associate at BESTBUY, Canada Advised people regarding HOME THEATRE products
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<i>Current</i> 2017	Freelance Have worked on various projects in Web-automation, Web scrapping, Ansible tool and other program scripts.
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EDUCATION

<i>Current</i> AUG 2019	Master of Applied Computer Science, Dalhousie University , Halifax
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<i>May 2019</i> JULY 2015	Bachelors in COMPUTER SCIENCE AND ENGINEERING, Parul University , Vadodara
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LANGUAGES

ENGLISH:	Fluent
HINDI:	Fluent
GUJARATI:	Mothertongue

INTERESTS AND ACTIVITIES

programming, music, writing technical blogs and quotes, playing football