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
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
Apr 2020-Apr 2020	**Image2Sketch** An application which converts a given image to its sketch and vice-versa using the same Cycle-Generative Adversial Network. 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
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

Work Experience

Current Oct 2019	**Part-time Sales Associate at Bestbuy, Canada** Adviced people regarding Home Theatre products
Current 2017	**Freelance** Have worked on various projects in Web-automation, Web scrapping, Ansible tool and other program scripts.

Education

Current Aug 2019	Master of Applied Computer Science, **Dalhousie University**, Halifax
May 2019 July 2015	Bachelors in Computer Science and Engineering, **Parul University**, Vadodara

Certificates and Achievements

Current Mar 2018	Co-founder of CodingPrivacy organization Aims to share knowledge via blogs and youtube videos. http://codingprivacy.com/ youtube channel link
Oct 2017 May 2017	Machine Learning course by Stanford University on Coursera certificate link

Languages

English:	Fluent
Hindi:	Fluent
Gujarati:	Mothertongue

Skills

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

Interests and Activities

Programming, Music, Writing technical blogs and quotes