

Yash Patil

Data Science Intern at Fractal

Personal Info

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GitHub

<https://github.com/yashpatil1998>

Website

<https://yashpatil1998.github.io/>

LinkedIn

<linkedin.com/in/yashpatil1998/>

Education

Aug 2016 - present

Sardar Patel Institute of Technology, Mumbai

B.E. in Electronics and Telecommunication,
CGPI : 8.87

May 2016

Pace Junior Science College, Mumbai

Higher Secondary (Maharashtra State Board).
Science branch, 85.08%

Mar 2014

Ryan International School, Mumbai

ICSE Board, 91.00%

Skills

Java - Intermediate

C, Python - Intermediate

Linux - Intermediate

R - Beginner

Android Development - Beginner

Technologies

Deep Learning and NLP

OpenCV (Image Processing)

Firebase

HDFS (Hadoop) and Hive

MS Excel and Tableau

Social Service

Volunteered for Cleanup Activity at Versova Beach and Mithi Nadi with Afroz Shah, a UN Champion of Earth. (Feb 2018 - Feb 2019)

Volunteered for FSCL (Fire and Security Cricket League) conducted by FSAI. (Feb 2018)

Participated in *Run for the Oceans 2019*, a marathon-based beach cleanup organised by Adidas. (June 2019)

Internship

Jan 2020 - present

Data Science Intern

Fractal, Mumbai

- Working on a project called *Invoice Digitization*.
- Designing a system to extract data from digital copies of invoices.
- Learnt and used technologies are WorkFusion *RPA*, *NLP* and *Deep Learning*.

May 2018 - Jun 2018

Big Data Intern

Xoriant, Pune

- Worked on project called *Generic Hive Sink*.
- Created a custom API capable of pushing data from local database to Hive using Java.
- Learnt and used technologies were *HDFS*, *Hive* and *JDBC*.

Courses

Feb 2020

Natural Language Processing in TensorFlow - *deeplearning.ai*

May 2019

Convolutional Neural Networks in TensorFlow - *deeplearning.ai*

Apr 2019

Introduction to TensorFlow for Artificial Intelligence, Machine Learning and Deep Learning *deeplearning.ai*

Mar 2019

Statistics using Excel and Tableau - *Suven Consultants and Technology*

Aug 2018

Data Analytics in R - *Suven Consultants and Technology*

Aug 2017

Applied Algorithms and Data Structures in Java - *Morgan Stanley*

Aug 2017

Linux System and Network Administration - *Skill Certification for Outcome based Professional Education (SCOPE)*

Notable Projects

May 2019

SignIt - Created a real time, AI enabled sign language interpreter which can translate ASL into pl English, using Convolutional Neural Networks.

Nov 2018

IBMS - Created an Intelligent Blood Management System, capable of classifying blood pouches b on color codes using a Texas Instruments launchpad, the results and statistics of which displayed mobile application and a website.

Sep 2018

GATEway - Devised a basic logic gate detector using Android App and Atmega328P

Feb 2018

Portfolio Management System - Designed a website based on the 3-tier architecture, mentored Morgan Stanley.

Publications and Achievements

Dec 2019

Paper on *AI-Enabled Real-Time Sign Language Translator* presented as a part of *International Conference on Soft Computing: Theories and Applications*. Paper to be published in *AISC Series Springer*.

Oct 2019

Presented a paper on *Cellular Device Detection in restricted premises* in the *IEEE Global Conference for Advancement in Technology*. Paper to be published on *IEEE Xplore*

Jul 2019

Published a paper on *Intelligent Blood Management System* in the *IEEE Bombay Section Signature Conference 2019*, Paper is published on *IEEE Xplore*

May 2019

Paper on *Vehicle Number Plate Detection using Convolutional Neural Networks* published in *Asia Journal of Convergence in Technology (Impact Factor : 5.71)*

Feb 2019

Presented a paper on *Basic Logic Gate Detector using Atmega328P and Android App* in the *World Congress 2019*, the same published in *Helix - the Scientific Explorer (Impact Factor : 3.46)*

Dec 2018

Reached quarterfinals of *India Innovation Challenge Design Contest(IICDC)* in collaboration with *Instruments and IIMB*.

Mar 2017

First on leaderboard in *CodeChamps 2017* and finalist of *Codatron 2017*

Additional Activities

Aug 2018 - present

IETE - SPIT

Vice Chairperson

Lead college student chapter of IETE (Institution of Electronics and Telecommunication Engineers) covering various technical activities and workshops.

Aug 2018 - present

Training and Placement Coordinator

Sardar Patel Institute of Technology

Responsible for industry interation for training and placement of final year students.

Jan 2018

Oculus 2k19

Event Head of "Project Exhibition"

Organised a state level competition where participating students could showcase their proje products.

Sep 2017

Matrix 2017

Event Head of "Mind that word"

Mar 2018

Job - Internship Fair 2018

Part of organising team