Yash Patil

Data Science Intern at Fractal

Personal Info

Phone
+91 97699 69886

E-mail
yashpatil1998@gmail.com

LinkedIn
linkedin.com/in/yashpatil1998/

GitHub
https://github.com/yashpatil1998

Website
https://yashpatil1998.github.io/

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 and Technologies

Java - *Intermediate*

C, Python - *Intermediate*

Linux - *Intermediate*

R - *Beginner*

Android Development - *Beginner*

TensorFlow *(Deep Learning and NLP),* **OpenCV** *(Image Processing)*

Firebase, **HDFS** and **Hive**

MS Excel and **Tableau**

Social Service

- Participated in *Run for the Oceans 2019,* a marathon-based beach cleanup organised by Adidas. *(June 2019)*
- 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 a Cause* Marathon organised by Rotaract Club of SPIT. *(Feb 2017)*

Internships

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 plain 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 are displayed on a 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* By *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 of 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 *Asian 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 *Texas Instruments and IIMB.*

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

Additional Activities

Aug 2018 - present
Training and Placement Coordinator
Sardar Patel Institute of Technology
Responsible for industry interaction for training and placement of final year students.

Aug 2018 - Jul 2019
IETE - SPIT
Vice Chairperson
Lead college student chapter of *IETE (Institution of Electronics and Telecommunication Engineers),* covering various technical activities and workshops.

Jan 2019
Oculus 2k19
Event Head of "Project Exhibition"
Organised a state level competition, as a part of the Techno-Cultural Festival *Oculus,* where participating students could showcase their projects or products.

Mar 2018
Job - Internship Fair 2018
Part of organising team
Organised by Sardar Patel Technology Business Incubator (SP-TBI).

Sep 2017
Matrix 2017
Event Head of "Mind that word"
Technical Festival of Sardar Patel Institute of Technology.