

Harshit Chauhan

hchauhan012@gmail.com | +91 9311136744

EDUCATION

**MAHARAJA SURAJMAL
INSTITUTE OF TECHNOLOGY**
B.TECH | INFORMATION TECHNOLOGY
Expected Aug 2020

**MODERN DELHI PUBLIC
SCHOOL**
Grad. May 2014 | Haryana, India

LINKS

Github:// [Exoper](#)
LinkedIn:// [harshit-chauhan](#)
Medium:// [@hchauhan012](#)

COURSEWORK

Coding Blocks Machine Learning
CS231N - Stanford Univ.
Udacity Pytorch Deep Learning
Machine Learning, MOOC, CalTech
Algorithm and Data Structure, Coursera
Intro to Stats - Udacity

UNDERGRADUATE | ONGOING

Computer Fundamentals
Operating Systems
Software Engg. + Practicum
Functional Programming
DSA + Practicum

SKILLS

PROGRAMMING

Languages
Python • Java • JavaScript • C++
HTML • C#
Libraries & Frameworks
Pytorch • Keras • Tfs • OpenCV
• Pandas • Scikit-Learn • Psychopy
• Ubuntu • NLP • Computer Vision
Familiar:
Flask • Flutter • Unity 3D
• Arduino Programming

EXPERIENCE

IIIT - DELHI | UNDERGRAD RESEARCH INTERN

July 2019 – ongoing

- Working under Assist. Prof. Jainendra Shukla in HCI related projects.
- Eye Tracking and Analysis using Statistical Machine Learning models.
- Engagement analysis using Multi-modal DL based techniques.

CODING BLOCKS | UNDERGRADUATE TEACHING ASSISTANT

June 2019 – July 2019

- Teaching Assistant for the Machine learning with python course at coding Blocks, Dwarka.

IEEE - MSIT | MACHINE LEARNING MENTOR

Oct 2018 – ongoing | MSIT, New Delhi

- Mentor and head of a Self Interest Group for teaching Machine Learning to students, conducted by IEEE - MSIT.

PROJECTS

WEBCAM BASED EYE TRACKER ANALYSIS | DEVELOPER

Oct'19 – Dec'19

A low cost webcam based eye tracker using open-source eye region localization model GazeML and regression model for mapping on-screen gaze position to eye visual angles

A complete pipeline for preprocessing of the raw gaze data into fixation, smooth pursuit, saccades, along with heatmap visualization and scanpaths.

YOGAI | DEVELOPER

Oct 2018 – Nov 2018

A Posenet Based Yoga AI instructor, creating a stick figure in a stimulus and then suggesting the required adjustments.

AWARDS

2020	Participation and Acknowledgement	RISE Poster Presentation IIIT-Delhi
2019	Shortlisted	Medhacks John Hopkins University
2019	SIG Mentor	IEEE-MSIT Letter of Appreciation
2019	2 nd	Technical Project Exhibition, IEEE
2019	2 nd /287	HackDTU 3.0, DTU, New Delhi
2018	2 nd /50	Hack-ok-please! , NSUT, New Delhi
2018	Scholar	Facebook Udacity Pytorch Scholar
2018	Qualified	Hacktoberfest 2018
2017	Special Mention	CIC 2017 Hackathon, CIC, New Delhi

EXTRA-CURRICULAR

2019	Organizer Mentor	HackMSIT (12 hours Hackathon)
2018	Semi-Finalist	Decathlon Cricket League
2018	Organizer	Feet-o-fire (Street Dance event), Enva 2018, MSIT, Delhi
2018	Member	IEEE-MSIT
2017	Winner	Avensis Cricket Tournament, MSIT, Delhi
2016	Member	Prakriti (Environmental Society MSIT)