

Kaustubh.

Data Science, Machine Learning, Web Development,
Cryptography, UI/UX, Spark AR Creator

EXPERIENCE

DataLeads, Delhi — *Research Intern*

May 2019 - July 2019

While my tenure I worked on two projects Health Analytics Asia (<https://www.ha-asia.com>) and Media Ownership Monitoring(www.mom-rsf.org)

TAG VIT, Vellore — *Web Developer*

August 2019 - Present

As a member of the club, my team and I were appointed to make the website for the club. (<http://tagclub.in/>)

FEPSI, Vellore — *Volunteer*

August 2019 - Present

As a volunteer in the aforementioned NGO, we conduct outreach drives where we visit schools in our locality and help the students in any way possible.

EDUCATION

Vellore Institute Of Technology, Vellore — *BTech Computer Science*

July 2018 - Present

Relevant Course Work: Data Structures, Natural Language Processing, Blockchain

Current CGPA : 8.5 (Current)

The Air Force School, Delhi — *High School Diploma*

April 2007 - April 2017

Subjects: Physics, Chemistry, Biology, Informatics Practices, Mathematics

Percentage: 90%

SKILLS

Python, R, C/C++,
HTML/CSS, Javascript,
JAVA, SQL, NOSQL, SAAS,
TensorFlow,
Recommender Systems,
Natural Language
Processing, Adobe XD,
Photoshop, Lightroom,
Spark AR.

LINKS

My Website:

[Kaustubh aka
{blurryface2_1}](#)

GitHub:

[kaustubherttre \(Kaustubh\)](#)

LinkedIn:

[https://www.linkedin.com/
in/kaustubh-8a574b166/](https://www.linkedin.com/in/kaustubh-8a574b166/)

Mail:

kaustubh.q@gmail.com

Instagram:

[https://www.instagram.co
m/kaustubxh](https://www.instagram.com/kaustubxh)

PROJECTS

Stock Market Analysis

This project was one of the first time I used Machine Learning. As its in a ipynb format, I have been continuously updating it as I improve myself. The latest upgrade I did was risk analysis for the stock prices of Google, Yahoo and Apple, and the prediction of the fall of the Apple stock prices during the mid 2017.

Project Link: https://github.com/kaustubherttre/apple_crash_predictor

Monte Carlo Simulator

Using the very famous mathematical equations for predicting the prices of a stock price over a range of time with the use of random entries. So the graph generated by it looks like a bunch of lines but it actually shows the theoretical value for the higher and the lower range of the stock price in this period.

Project Link: <https://github.com/kaustubherttre/montecarlo>

Summer Of Data Structures and Algorithms

The Summer of 2020 I made a repository which had the roadmap and sample problems for tackling Data Structure and Algorithms

Project Link: https://github.com/kaustubherttre/summer_of_dsa

Air Music

This is a project that highlights how powerful JavaScript can be. In this project I used an AI library and used it to detect the hand movement and according to where it goes the programs generates a sound from a musical instrument.

Project Link: <https://github.com/kaustubherttre/handmusician>

Simulation Link: <https://kaustubherttre.github.io/handmusician/>

Enigma

This is a project I did for my Data Structures class. I used C for replicating the famous German Enigma machine.

Project Link: <https://github.com/kaustubherttre/ENIGMA-IN-C>

Insulting Alexa

This is the project I did just to know more about integration of Google Chrome with basic JavaScript. It works by using the chrome's voice recogniser API. Also I wanted to make a better UI so this project really pushed my CSS skills

Project Link: <https://github.com/kaustubherttre/alex.->

Simulation Link: <https://kaustubherttre.github.io/alex.-/>

Downloads Manager

This is a project I did for my Operating Systems class. By using python libraries like watchdogs and os. The program as the title suggests is an organiser for the downloads folder

Project Link: <https://github.com/kaustubherttre/downloadscleaner>

Instagram Filters

Aquamint: https://www.instagram.com/a/r/?effect_id=2586384758275831

Trip: https://www.instagram.com/a/r/?effect_id=625643317992136

Tangerine*Teal : https://instagram.com/a/r/?effect_id=567587080492821

Huji Cam: https://instagram.com/a/r/?effect_id=851723758625499

The 70's : https://instagram.com/a/r/?effect_id=595032631277019