SHREY TYAGI, RA1711003020308
Course : **B.Tech**, Computer Science and Engineering, 2021
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ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS X	The Hindu Colony Chellamal Vidyalaya	CBSE	10 CGPA	2015
CLASS XII	Kendriya Vidyalaya Porbandar	CBSE	80 %	2017
B.Tech	SRM Institute of Science and Technology - Ramapuram Campus		92.59 %	2021

Subjects / Electives	Python, Data Structures, DBMS, Web programming, Algorithms using C++
Technical Proficiency	Python, React.js, Bootstrap, Git, MS Office Suite

SUMMER INTERNSHIP / WORK EXPERIENCE

Intern, The OpenCode Foundation   **Jul 2020 - Present**
A non-profit organization that aims to provide students from low-income families the education and resources required to pursue a career in computer science. I worked in event management and fund raising department.

Intern, BULWARK CYBERX   **Jun 2019 - Jul 2019**
I had worked on predicting food requirements for a catering service so as to keep overproduction in check.

PROJECTS

Mask detector using tensorflow js - Web application, Machine learning   **Jun 2020 - Jul 2020**
• https://devpost.com/software/mask-detector
• Low maintenance light model for surveillance purposes. This is a prototype to show how gate keeping using surveillance for masks can be done with ease.
• p5.js for making it on the web and use TensorFlow js (ml5.js) to classify and do transfer learning.

Robotized Domestic Waste Segregator Utilizing IOT and Image Processing - ML   **Jan 2020 - Apr 2020**
• http://sersc.org/journals/index.php/IJAST/article/view/7352
• IJAST Published paper in SCOPUS indexed journal which highlights the process of waste segregation for better management and disposal.

Bill maker - Web application   **Jan 2019 - Mar 2020**
• Javascript based bill calculator which is deployed on netify with continuous integration with GitHub Repository.
• https://github.com/Shrey-Tyagi/Bill-maker
• https://billmaker.netlify.app/

CERTIFICATIONS

CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Facial Expression Recognition with Keras	Coursera	
Front-End Web UI Frameworks and Tools: Bootstrap 4	The Hong Kong University of Science and Technology and offered through Coursera	
Machine Learning with TensorFlow on Google Cloud Platform	Google Cloud and offered through Corsera	
The Data Scientist's Toolbox	Johns Hopkins University and offered through Coursera	
Applied Machine Learning in Python	University of Michigan and offered through Coursera	
End-to-End Machine Learning with TensorFlow on GCP	Google Cloud and offered through Coursera	
IBM Blockchain Foundation for Developers	IBM and offered through Coursera	
Applied Plotting, Charting & Data Representation in Python	University of Michigan and offered through Coursera	
Applied Text Mining in Python	University of Michigan and offered through Coursera	
Tools for Data Science	IBM and offered through Coursera	

CERTIFICATIONS

CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Applied Social Network Analysis in Python	University of Michigan and offered through Coursera	

POSITION OF RESPONSIBILITY

Volunteer - GDG Cloud Chennai   **Mar 2019 - Present**
Had the opportunity to conduct and facilitate multiple meetups and events by GDG Cloud Chennai.
Have also represented GDG Cloud Chennai In PyCon Chennai 2019 and presented a community poster.

Marketing and operations lead - TEXUS 2019   **Jan 2019 - Mar 2019**
A National Level Techfest which included 50+ Technical &
Non-Technical Events, Hackathon and many more. This event engaged 5000+ students from
over 10+ National Level esteemed colleges/universities across Tamil Nadu.
https://texus.io

School Captain - Kendriya Vidyalaya Porbandar   **Jun 2016 - May 2017**

AWARDS AND RECOGNITIONS

Health Tech Prompt - Third Place | Def Hacks   **May 2020**
- https://devpost.com/software/mask-detector
- I participated and won a prize in Def Hacks 2020 a US based online world hackathon by making mask detector web application.

Best innovator in FICE UC-Berkeley Global accelerator program. | FICE   **Apr 2019**
- We pitched the idea for an online based laundry service pickup and drop along with brainstorming ideas and doing market analysis for our business model.
- Our business model won the best innovators award in Finals held in Bangalore.

Virtual Internships

JPMorgan Chase & Co. Software Internship   **Jun, 2020**
Tasks included :-
• Interface with a stock price data feed and setting up system for analysis of the data.
• Implemented the Perspective open source code in preparation for data visualization.
• Used Perspective to create the chart for the trader's dashboard.

Deloitte Technology Consulting Internship   **May, 2020**
• Designed a business case for an Australian Bank to expand its online product offerings and services. Collaborated with cross-functional teams to design Tableau dashboards for effective decision making and presented reports as per the client's budget and delivery needs
• Conducted thorough market research of the current financial products offered online in the Australian market. And devised solutions under constraints including Tech Architecture, cost analysis, benefits realization, resource requirements, designing timeframes, etc. to propose an efficient solution for the client.

PUBLICATIONS

Robotized Domestic Waste Segregator Utilizing Iot And Image Processing   Journal name: IJAST | Publication date: Mar 30, 2020

VOLUNTEER EXPERIENCE

PyCon 2020 - Role: Volunteer Social media and content | Cause: Education   **Jun 2020 - Present**
Actively engaed in Social media and content development teams of PyCon 2020 which is taking place online in october.

TFUG Chennai - Role: Volunteer | Cause: Education   **Jan 2020 - Present**
Currently actively conducting meetups and events for TensorFlow User group Chennai.

EXTRA CURRICULAR ACTIVITIES

Basketball
Swimming
Badminton

PERSONAL DETAILS

Date of birth: 07 August 1999	Father's name: Rajesh Tyagi
Permanent address: Row house no. B-17, Kwality Complex, Adai, New panvel, Navi Mumbai, Panvel, Maharashtra, PIN - 410206	Languages known: English, Hindi, Tamil, French
Permanent contact number: 7046888733	Nationality: India
Passport availability: true	