

# SRIJAN MEHROTRA | 21f1006403

Indian Institute of Technology Madras

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## EDUCATION

**Indian Institute of Technology Madras | B.Sc – Data Science and programming (online) | 2021- present**

- GPA: 9.4 out of 10

**Amity Institute of Technology | B.Tech – Automobile Engineering | 2018 - 2022**

- CGPA: 8.81 out of 10 - First Division with Distinction

**Pathways School Noida | International Baccalaureate Diploma | 2016 - 2018**

- 33 Points

- Highest in Math, Physics at Higher level

**Cambridge IGCSE (10 + 2) | 2014 - 2016**

- ICE Award: Distinction

## EXPERIENCE

**Software Engineer | Cisco Systems | October 2022 - Present**

- Working in the Performance and Scaling team for DNAC. Responsible for creating tools for dashboarding and automated container level metrics collection from Kubernetes test clusters.

**Freelancer | Upwork | August 2022**

- Modified a pre-existing management application on Microsoft PowerApps to connect to newer backend APIs and implemented new features

**Student Trainee | NOKIA Solutions and Networks | February 2022 – June 2022**

- Creating No-Code applications and tools using Microsoft PowerApps to automate and replace legacy processes.

- 7 applications have been deployed and are being used in production

**Coding Instructor | CampK12 (Part Time) | September 2021 – January 2022**

- Taught 3D and VR using JavaScript to students in the US and Canada through 1-1 classes

- Assisted in building course curriculums.

**Business Intelligence Intern | AuthBridge Research Services | May 2021 – July 2021**

- Assisted in the Business Intelligence department to migrate from Graphana to PowerBI

- Recreated the department's pre-existing Graphana dashboards in PowerBI

- Created extensive documentation on Power BI features for employees to refer to and learn from

**Student Intern | Tata Technologies Ltd | May 2021 – June 2021**

- Completed a project to design and develop an IOT device to track school busses and their students.

- Worked under the guidance of mentors from TTL

**Business Development Intern | Dalalstreet.ai | September 2020 – Feb 2021**

- Conducted research on community building techniques and tactics for Beta phase of product

- Devised strategies to encourage maximum signups pre-launch

**Team leader | AIESEC | April 2019 - August 2019**

- Led a team of 3 members, conducted conferences and delegated responsibilities to team members

- Kept track of team performance and goals using key performance indicators and toolkits

- Responsible for market research, setting up interviews between clients and foreign applicants

## PROJECTS

**Eye Blink Tracker using OpenCV**

- Used a pre trained model to detect the number of times the user was blinking. The script played a beeping sound if the user did not blink the required number of times in a minute.

- Used to remind people working with screens to blink to avoid getting dry eyes

**Tic Tac Toe Game**

- Created a simple AI to play tic-tac toe using the Minimax algorithm

**Business Data Analytics for a local Cafe**

- Collected and cleaned sales data into a structured format and performed EDA to gather insights and make visualizations

- Gave recommendations based on the analysis to the café

**Workout Tracker**

- Users can create exercises with custom grouping, log into trackers, and get a plot of their entries

- Flask for Backend, with flask\_restful for APIs, Jinja for dynamic rendering

- Auth with session cookies

## **POSITIONS OF RESPONSIBILITY**

**Representative, Industry Interaction Cell, IITM** | August 2022 – Jan 2023

- Responsible for planning student training and leading outreach to companies for internships and placements

**Vice- President, Vesuvius Cultural Club** | July 2020 – June 2021

- Responsible for deciding and planning events throughout the semester

**Cultural Secretary, School Student Council** | Dec 2016 - March 2018

- Responsible for all planning and execution of all interschool and intra-school competitions

- Represented and protected student interests in meetings with school administration

## **CERTIFICATIONS**

Problem Solving (Intermediate), HackerRank | Sep 2020

Python & Statistics for Financial Analysis, Hong Kong University of Science and Technology, 97.50 % | July 2020

Customer Analytics - The Wharton School, UPenn, 94.00% | June 2020

CS50x - Harvard University | June 2020

## **SKILLS**

Python, Pandas, XGBoost, Canva, Sci-Kit Learn, Vue.js, Celery, Redis, Flask, OpenAPI, PowerApps, PowerBI, SQL, DAX, Microsoft Office, Google Suite, JavaScript, C, C++

## **ACHIEVEMENTS**

Finalist (out of 40 teams), The Build Up | Shiv Nadar University | 2019

Lifelong Learner Award | Pathways School Noida

## **VOLUNTEER WORK**

**Teach For India** | Feb 2021 – March 2021

- Co-facilitated math and English classes at Sarvodaya Co-ed Senior Secondary School

**You're Wonderful Project** | April 2019

- Worked with school administrations to facilitate workshops for kids on raising mental health awareness