

# RAJ TRIKHA

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## EDUCATION

University of Delhi, New Delhi, India

Bachelors in Computer Science

Sep 2020 — Jun 2023

CGPA: 8.77/10(~3.87/4)

**Relevant Coursework:** Data Structures, Algorithms, DBMS, Machine Learning, Artificial Intelligence, Data Mining, Python

New York University, New York, USA

Masters in Computer Science

Sep 2024 — May 2026

**Relevant Coursework:** Design and Analysis of Algorithms, Machine Learning, Software Engineering

## ACADEMIC PROJECTS

Bus Ticket Booking System Project

Jan 2022 — May 2022

- **Collaborated** with a team of 6 in the development of a group project for the **Software Engineering** coursework
- Developed using Python-Django framework and SQLite DB

Brain Tumor Detection

Feb 2023 — March 2023

- Model building using Convolutional Neural Network(CNN)
- Built an end-to-end website that allows users to upload an image to detect the presence of a brain tumor

## WORK EXPERIENCE

Web Development and SEO Intern, Yash Interior and Construction

Sep 2023 — Feb 2024

- **Developed** and implemented responsive web pages using HTML, CSS, and JavaScript to enhance the user interface and overall user experience.
- Executed comprehensive **keyword research**, elevating the website to the top 10 search results for key industry terms and driving a 50% increase in organic traffic within three months.
- Generated monthly reports highlighting the impact of SEO efforts, including keyword ranking improvements and user behavior insights.

## EXTRACURRICULARS

Encrypt- the tech society of CVS, New Delhi

Vice-President

Jun 2022 — Jul 2023

- Successfully orchestrated a multitude of coding events, hackathons, gaming tournaments and insightful seminars.
- Organized and led a team of 20+ individuals for a tech industry visit.
- Effectively coordinated yearly events like Technophilia and Gamitrix.

Member-Design and Technology Department

March 2021 —Jun 2022

- **Crafted stunning posters** and captivating social media content using the advanced capabilities of Adobe Photoshop as a **photo editor**
- **Participated** in various discussions and contributed to the implementation of major events.

Nirbhed Foundation, Ghaziabad

March 2023 — December 2023

- **Volunteered** the NGO by teaching underprivileged children STEM based subjects like Physics and Mathematics for 2 hours twice every week.

## SKILLS

Hard-working, conscientious, problem solving, proficient in Word,Excel and Sheets.