

Utkarsh Gupta

Second Year Undergraduate | Department of Civil Engineering

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Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2020-Present	B.Tech in Civil Engineering	Indian Institute of Technology Kanpur	7.8
2019	Class XII (ISC)	Sheiling House School, Kanpur	95%
2017	Class X (ICSE)	Sheiling House School, Kanpur	97%

Scholastic Achievements

- Secured an All India Rank of 6490 in **JEE (Advanced-2020)** examination among 250k candidates
- Ranked among the top 2% of 1.2 million candidates in **JEE (Main-2020)** examination.
- Sheiling House School - Science Topper in ICSE 2017 Board Examinations

Projects

Co-BOT - A COVID awareness chatbot [↗](#)

January'21

Self Project | **Python, AIML, Flask, Bootstrap, Heroku**

GitHub Repository

- Developed a **Python AIML** chat-bot which gave facts, statistics and answered other queries related to COVID-19. This project was done as a part of Techweek conducted by the Science and Technology Council IIT Kanpur.
- The Web-app is developed using **Flask, Bootstrap** and some **HTML-CSS**. It is deployed at **Heroku**.

Full Stack Web Development

April'21 - June'21

Association for Computing Activities (ACA) IIT Kanpur | **HTML, CSS, Javascript**

- Learned about VCS, Github, markdown files and developed a **personal website** using HTML and CSS. Website
- Developed a JavaScript application, that listens to a flask backend. Made use of **fetch() API and async await** to make HTTP requests to the different endpoints of the server and display the returned data on the HTML page. GitHub

JukeBox in Java

February'22

Self Project | **Java, OOPs**

GitHub Repository

- Developed a JukeBox application in Java which utilizes the concepts of **Object Oriented Programming**
- Implemented functions like Play Next Song, Previous Song, Add Song, Remove Song and Randomize Queue.

My **Graphic Design Portfolio** can be found here [↗](#)

Technical Skills

Programming: C, C++, Java, Python, Javascript

Utilities: Git/Github, Visual Studio Code, Markdown, $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$

Development: Flask, HTML5, CSS

Others: Photoshop, Illustrator, Figma, Premiere Pro, Spark AR

Relevant Coursework

Fundamentals of Computing
Introduction to Electronics

Applied Probability and Statistics
Multivariate Calculus

Introduction to Economics
Linear Algebra and ODE

Positions of Responsibility

Secretary (Creative Wing), Outreach Cell IIT Kanpur

April'21 - Present

- Working on content creation and organizing events to strengthen Student-Alumni relations
- Designed the magazine covers for the three issues of '**The Spark**' magazine published by IIT Kanpur Alumni.
- Designed the **T-shirts** given to the **graduating students** of the Y17 batch

Organizer (Design), Techkriti '22 IIT Kanpur

August'21 - April'22

- Worked on content creation and design for Techkriti - Asia's largest Technical and Entrepreneurial Fest
- Designed and developed an **Instagram Filter** for Techkriti '22 using Spark AR.

President, Sheiling House Computer Club

April'18 - March'19

- Lead a team of 15 students in organizing **Teknovation**, an Inter House Technological Event of Sheiling House School
- Designed posters, certificates and brochures for the various events of Teknovation

Extra Curricular

- Secured the **2nd position** at **National Level in Earthquake Quiz** (2016) conducted by National Information Centre of Earthquake Engineering (**NICEE**) **IIT Kanpur** among 70+ school teams from all over the country.
- Secured **5th** rank among 123 teams in **Techweek**, a week long event comprising competitions of various Technological domains, conducted by **Science and Technology Council IIT Kanpur**
- Placed among the **Top 20** Finalist teams in **Ideathon**, an idea pitching competition conducted by Startup Masterclass, an initiative of **Alumni Association, IIT Kanpur**
- Won a poster making competition - "Random Chunaav 2021" conducted by **Humour House IIT Kanpur**
- Performed in the Freshers Dance Video under **Dance Club IIT Kanpur**