Ayush Agrawal

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Year	Degree	Institution (Board)	CGPA/%
2024*	B.Tech, CE	Indian Institute of Technology, Kanpur	8/10
2020	CBSE XII	Narayana E-Techno School, Hyderabad	94%
2018	SSC X	Little Flower High School, Hyderabad	10/10

Work Experience

Winter Project in Geoinformatics
Organized by Society of Civil Engineering

India
Dec 2021- present

- Learnt to build client side websites and web apps with HTML, CSS, JS and React.
- Currently learning to write algorithms in python and convert research work done in Python into server side APIs using Django.
- Currently learning about Geoinformatics, GIS, Location Intelligence, Mapping and Remote Sensing and their applications

Team AUV
SNT Team, IITK

India
April 2021 - Present

- Learned various softwares usage such as MATLAB-SIMULINK.
- Got an idea of functioning of basic circuits through various assignments given by the leaders.
- Learnt the usage of GIT and GITHUB to collaboratively work on assignments.

RustDuino Project
Organized by Electronics Club, IITK

India
May 2021 - July 2021

- Worked on creating libraries for atmega328p (Arduino UNO) chip.
- Learned Rust language and arduino programming.
- Worked with Arduino Boards and other sensors such as aht10 sensor, display sensor.

Intro to GameDev
Organized by GameDev Society, IITK

India
May 2021 - July 2021

- Developed a basic game using Unity and Blender from scratch as a team.
- Made the environment setup for the game.
- Created custom animations and added them to the character.

Technical Skills

Programming: C/C++ | MATLAB | Rust | HTML | CSS
Tools: Git | Microsoft Office | Simulink

Positions of Responsibility

E-Sports Society, IIT Kanpur
-Secretary

India
June 2020 - Present

Appointed by the leaders to aid them in the conduction of various e-sports tournament.

Antaragni, IIT Kanpur
-Secretary

India

Appointed by the organizers to aid them in the smooth conduction of the event.

Udghosh, IIT Kanpur
-Secretary

India

Appointed by the organizers to aid them in the smooth conduction of the event.

Scholastic Achievements

- Secured an AIR 6819 in JEE Mains 2020 (Paper-1).
- Secured an AIR 172 in JEE Mains 2020 (Paper-2).
- Secured an AIR 4530 in IIT-JEE Advanced 2020.
- Secured High Distinction in ANCQ-2017 and Distinction in ANCQ-2015.
- Secured Silver medal in Critical Thinking and Creative skills competition conducted by Eduranet (2016-2017).
- Secured Distinction in assessments conducted by UNSW Global in Mathematics, and Science during the years 2015 and 2017.

Relevant Courses

Introduction to programming	Engineering Graphics	Manufacturing Processes	Introduction to Electronics
Civil Engineering Materials	Structural Analysis	Engineering Hydraulics	Sustainable Built Environmnet