

# AMAN PANDEY

Programming and physics enthusiast

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## EDUCATION

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**Indian Institute of Technology Roorkee**

2nd Year, BTech in Engineering Physics

November 2020 - August 2024

CGPA: 8.36/10

**Central Hindu School, Varanasi**

Grade-12

2020

Overall score: 91.4%

Physics, Mathematics , Computer Science(C++), Chemistry

**Jean Paul's High School, Ara**

Grade-10

2018

Overall Score 92.8%

## SKILLS

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**Programming Languages:** C# (For Unity), C++ (Competitive Programming), JavaScript (Web Dev) Python (Quantum Computing and Little Data Science), MATLAB

**Packages and Environments:** UnityEngine, VS Code, Qiskit, Git, ThreeJS, Google Firebase

**Other Skills:** Competitive Programming

## PROJECTS

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- **Global Game Jam:** [Enemy's Aid](#)
  - A 2D battle game in Unity Game Engine based on theme 'Duality'.
  - Implemented Game Mechanics, Animation and UI and integrated the game
- **GitHub GameOff Jam:** [Binary Bugs](#)
  - A puzzle game in Unity Game Engine based on theme 'Bug'.
  - Implemented Code, UI and sounds
- **Quantum Computing Group, IITR Website** [Link](#)
  - Build the website based on a template

## EXTRACURRICULARS

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- Member at Quantum Computing Group, IIT Roorkee
  - Involved in Projects, Lectures and Hackathon organised by the group
- Worked on simulation and theoretical analysis of Quantum Eraser