PEEYUSH SAHU

Student, College Of Engineering Roorkee

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EDUCATION

B.Tech - Computer Science and Engineering

College of Engineering Roorkee

📅 August 2017 - Present　　📍 Roorkee, India

Percentage: 75.6 % (till 4th Semester)

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CBSE - 12th Class

D.A.V. Centenary Public School, Haridwar

📅 2017　　📍 Haridwar, India

Percentage: 88.8 %

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CBSE - 10th Class

D.A.V. Centenary Public School, Haridwar

📅 2015　　📍 Haridwar, India

CGPA: 9.0

SKILLS

Programming Languages : C, C++, Python

Tools & Frameworks : PHP, JavaScript, Selenium

Others : MySQL, Arduino, Photoshop

EXPERIENCES

Volunteering

Mentor : The Robotics And Innovation Club (TRAIC)

📅 Nov 2017 – Nov 2020　　📍 Roorkee, India

Conducted tutorials and workshops for teaching first year students and participated in various inter-college robotics competitions.

ACHIEVEMENTS

- **AIR 447** in Graduate Aptitude Test in Engineering (CSE).

- Received **Amazon Alexa Developer Reward**, for developing highly engaging Alexa Skill, for a period of 10 months.

- **Winner** (2nd Pos.) at Manoeuvre, Techkriti'19 annual fest conducted by IIT-K (Indian Institute of Technology, Kanpur).

- Represented my college at **'ROBOCON 2018'** : A National Robotics Contest, organised by the Asia Pacific Broadcasting Union (ABU), held at Pune during 1st to 3rd March 2018.

PROJECTS

FastDM　　○

- Developed a multi threaded file download manager with resume support & segmented downloading feature.
- Technology(s) Used : Python

RemoteDesk　　○

- Developed a remote screen sharing application using Socket Programming with limited remote control functionality.
- Technology(s) Used : Socket Programming, Python

Travis Bot　　a

- Developed a Python based chatbot. specifically for Tourism domain.
- Technology(s) Used : Python, Web scrapping, Alexa Platform

Sahutronics Home Automation　　○

- Designed and Developed an Arduino based device capable of controlling appliances connected to it. This device is compatible with Amazon Alexa making it voice control ready.
- Technology(s) Used : Arduino, Amazon Alexa Platform

Virtual Table Tennis　　○

- Designed a gesture based application for playing Table Tennis Video Game.
- Technology(s) Used : OpenCV, Python, Image Processing

Rate My Painting

- Developed a machine learning framework capable of classifying digital images of paintings into different categories and providing aesthetic score by evaluating them based on various parameters.
- Technology(s) Used : Python, Image Processing

INTERESTS & COURSES

- Operating Systems
- Data Structures
- Design & Analysis of Algorithms
- Computer Networks
- Embedded Programming
- Web Development
- Arduino Microcontroller