



Roll No. BT16CSE009
Bachelor of Technology
Branch: Computer Science
National Institute of Technology,
Uttarakhand

PANKAJ PUNDIR
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OBJECTIVE

Seeking a position in engineering environment to fully utilize my training and skills, while making a significant contribution to the success of the company.

EDUCATIONAL QUALIFICATIONS

Examination	Board/ University	School/Institute	Year of Passing	CGPA/%
B. Tech. (CSE)	National Institute of Technology, Uttarakhand	National Institute Technology, Uttarakhand	2020	8.69
Sen. Secondary	Central Board of Secondary Education	Vivekananda School, Dehradun	2015	91.6
Matric	Central Board of Secondary Education	Vivekananda School, Dehradun	2013	10

AWARDS AND ACHIEVEMENTS

- Participated in **Pseudo-coding TECH MEET** 2016 and achieved 1st prize.
- **Innovation Competition:** Project **Dexterous** got selected for **INNOVATION COMPETITION** held in National Institute of technology Uttarakhand (2017 -2018).
- **Idea** of our team **Nefarious** got Selected for **Final Phase** of **Road Safety Hackathon** organized by **Indian Road Safety Campaign, IIT Delhi, United nations institute of training and Research at IIT Guwahati (2019)**.
- Completed **Data science with python** course from Udemy.

WORK EXPERIENCE

Summer Research Intern at IIT Ropar	21st May – 13th July 2018
Summer Research Intern at IIT Ropar	23st May – 10th July 2019

PROJECTS

1. Instant Attendance Technologies: PHP, CSS, JavaScript

Online platform is created to mark attendance parallelly. Teacher will create a code and share with the present students. Students can mark their own attendance on the server with the code.

This reduces the attendance time to 20 seconds or less. Can be implemented within local network and online.

2. **Hand Gesture Detection and Mouse Control** (ongoing)

Technologies: Python, OpenCV

This project is designed for identifying hand gestures to control computer. Color coding is used to detect the hand gesture with computer vision. Thus, controlling the mouse pointer and buttons with specific gestures.

3. **Fig Sense: Fully automated Graph Reader**

Technologies: Python, OpenCV

This project is designed for extraction of information from chart images. Currently the software is made to classify and extract **bar and line chart images**. The software will readout the content using basic **text summarization**.

4. **Malaria Detection - Deep learning**

Technologies: Python, OpenCV, Keras

The project is used to automate the **malaria detecting process** by providing the image of red blood cells of the patient. It is an intensively manual process which is being automated with deep learning.

TECHNICAL SKILLS

Operating Systems: Windows, Linux,

Programming Languages: C++14, Python

Tools and Software: PyTorch, Keras, Kivy, Git, Pandas, Numpy, matplotlib, OpenCV

PARTICIPATION IN INSTITUTE ACTIVITIES

- **Technical Coordinator** for Computer Science Department at National Institute of Technology Uttarakhand (2017-2018).
- **Coordinator** of Computer Science Tech team of annual cultural fest **CLIFFESTO 2018** of National Institute of technology Uttarakhand.
- **Event Head:** Successfully organized the **PRODYOGEEKY** annual **TECH MEET 2017** held at National Institute of technology Uttarakhand (2017 -2018).
- **Coordinator** for **Kodesk** – an official programming club of National Institute of technology Uttarakhand.

EXTRA CURRICULAR ACTIVITIES

- **Codathon Ambassador:** ambassador of MNIT Bhopal's online coding competition organized with **Hackerearth** (during their Annual Fest).
- **InterviewBit Campus Ambassador:** Handling a Nationwide event **codersBit** for the college NIT Uttarakhand.

HOBBIES

- Solving riddles.
- Meditating.
- Competitive Coding (hackerrank, codechef)
- Watching Movies

PERSONAL DETAILS

Father's Name: Mr. Bharat Singh Pundir

Permanent Address: B-160, Sector -4, Defence Colony, Dehradun, Uttarakhand, 248001

Languages Known: Hindi, English

Declaration: I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Pankaj Pundir