Inderpreet Singh

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EDUCATION

Panjab University, Chandigarh, India

Bachelor of Engineering in Computer Science and Engineering, GPA: 9.0/10.0   July 2018 - Present

Related Courses: Data Structures, Algorithms, Artificial Intelligence, Deep Learning

TECHNICAL KNOWLEDGE

Languages:	C, C++, Python, PHP, MySQL
Software:	Git, Visual Studio Code, XAMPP, MS-Office
Python Libraries:	Keras, Pandas, Sqlite, Numpy, Tensorflow, OpenCV

WORK EXPERIENCE

Research Intern

Design and Innovation Centre, UIET, Panjab University, India   August 2020 – Present

- DIC is a research lab funded by MHRD, Government of India.
- Studying about the audio signals and acoustic domain.
- Working on projects based on Deep Learning.

Student Ambassador

Microsoft   August 2019 – Feb 2021

- The Microsoft Learn Student Ambassadors program is a global group of on-campus ambassadors who are eager to help students and their communities, lead in their local tech circles, and develop technical and career skills for the future.

Data Science Intern

MedTourEasy   Nov -Dec 2019

Executive Member

ACM - CCET   Feb 2020 – Present

- Organized various technical workshops and Hackathons.
- Encourage students about technical world and to learn new Technology.

Website Head

Training and Placement Cell - CCET   August 2020 – Present

- Organized numerous Placement Drives of Companies.
- Organized workshops on Placement Skill Development.
- I constructed the TPC Website Page. I am maintaining the Page and mentoring the juniors under me about the website work.

ACADEMIC PROJECTS

COV-YUDH   Oct 2020 – Nov 2020

- In this web application that not only detects whether the person is wearing a face mask but also checks if the protocol of social distancing is being followed in an area.
- Our web application also keeps track of the total number of coronavirus COVID-19 cases via a real time tracker that updates after a day. (https://github.com/CO18325/COV_PROJECT)

ADVANCED ASSIGNMENT SYSTEM   Aug 2020 – Present

- Students log in through face & blink recognition to ensure a real-time liveliness detection approach against photograph spoofing.
- Designed a Timer Based Assignment System. Students will also have the option of Text-to-Speech.
- Natural Language Processing based Plagiarism Checker for the teachers to generate plagiarism reports

ACHIEVEMENTS

- Conducted a Webinar on "INTRODUCTION TO MACHINE LEARNING" in collaboration with **Tech Phantoms**, it is an open community where we aim at building a teaching-learning environment where you can collaborate, share and learn from the experts.
- Achieved 5 Star rating in Hackerrank for **Python, C++, Data Structures**. Successfully passed the Hackerrank Certification for **Python, Problem Solving**. Also received performance-based certifications for **C Language (Basic & Intermediate)**. https://www.hackerrank.com/inderpreet221099
- Successfully completed the first 3 levels of **Google Foo Bar Challenge.**