

# ANSH TREHAN

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11716522 · October 12, 1999

Work for an organization which provides me the opportunity to improve my skills and knowledge to grow along with the organization's objective.

## EDUCATION

JULY 2021

**BACHELOR OF TECHNOLOGY**, LOVELY PROFESSIONAL UNIVERSITY, PHAGWARA

Currently in final year with **6.92 CGPA** in **Computer Science & Engineering** and minors in **Internet of Things (IoT)**

MARCH 2017

**HIMACHAL PRADESH BOARD OF SECONDARY EDUCATION**, GOVERNMENT

SENIOR SECONDARY SCHOOL, KAKIRA, HP

Completed with **82.8%** with **non-medical sciences** as stream

MARCH 2015

**INDIAN CERTIFICATE OF SECONDARY EDUCATION**, SACRED HEART SENIOR

SECONDARY SCHOOL, DALHOUSIE, HP

Completed with **77.83%**

## INTERNSHIP

- Virtual Internship in **Software Engineering Virtual Experience** by **JPMorgan Chase & Co.** and offered by **InsideSherpa**

## PROJECTS

AUGUST 2019 - DECEMBER 2019

**SMART LIGHTING SYSTEM**

A smart system to control home lighting and home security using motion detection, outdoor lights and a dedicated android app.

JANUARY 2019 - JUNE 2019

**SCHEDULER WITH MULTILEVEL QUEUE USING C++ PROGRAMMING LANGUAGE IN LINUX OS**

Scheduler with multilevel queue having two queues which will schedule the processes using different scheduling algorithms.

**AUGUST 2018 - DECEMBER 2018**

### **NUMBER SYSTEM CONVERTER USING PYTHON PROGRAMMING LANGUAGE**

Converting a user defined number from one number system to another as per user requirement  
Displaying explanation of conversion

**JANUARY 2018 – JUNE 2018**

### **IPL MANAGEMENT SYSTEM USING C++ PROGRAMMING LANGUAGE**

System which can add, delete and edit teams, and then plan fixtures.

**AUGUST 2017 – DECEMBER 2017**

### **MOVIE TICKETING SYSTEM USING C PROGRAMMING LANGUAGE**

System which let user to book ticket for cinema and administrator to view booked seats and manage them.

## **SKILLS**

### **PROGRAMMING LANGUAGES**

- C
- C++
- Python
- Java

### **PLATFORMS**

- Microsoft Windows
- Linux OS
- Arduino
- NodeMCU
- Raspberry Pi

## **CERTIFICATIONS**

- Embedded Hardware and Operating Systems by EIT Digital and offered by Coursera

## **SUMMER TRAINING**

- Internet of Things (IoT) by E&ICT Academy, IIT Kanpur

## **PARTICIPATION**

- Member of **Spade Student Organization** for 1 year
- Participated in **Incredible-8** Inter-hostel competition as **Team Mentor**

## **PERSONAL SKILLS**

### **LANGUAGES**

- English – **FULL PROFESSIONAL PROFICIENCY**
- Hindi – **NATIVE OR BILINGUAL PROFICIENCY**
- Punjabi – **LIMITED WORKING PROFICIENCY**

### **INTERESTS & HOBBIES**

- Robotics
- Travelling
- Competitive Gaming