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%**

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

AUGUST 2018 - DECEMBER 2018

HOTEL MANAGEMENT SYSTEM

A website system that represent hotel and helps administrator to manage his customers rooms, electricity usage, internet usage, etc.

AUGUST 2017 – DECEMBER 2017

IPL MANAGEMENT SYSTEM

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

- Linux OS
- Arduino
- NodeMCU
- Raspberry Pi

CERTIFICATIONS

- **Embedded Hardware and Operating Systems** by **EIT Digital** and offered by **Coursera**
- **Software Engineering Virtual Experience** by **JPMorgan Chase & Co.** and offered by **InsideSherpa**
- **Engineering: Undergraduate & Masters Asia Virtual Experience Program** by **Microsoft** and offered by **InsideSherpa**
- **Google Analytics Individual Qualification** by **Skill Shop**

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