

**SUDERSHAN KUMAR**

Course : **M.Tech.**, Computer Science and Engineering, 2021
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CGPA : 8.67

Indian Institute of Technology
Ropar

**ACADEMIC DETAILS**

COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
UG	Computer Science & Engineering	University Institute Of Information Technology Shimla	Himachal Pardesh University Shimla	80.56 %	2019
CLASS XII		SHIKSHA ACADEMY PUBLIC SCHOOL GHUMARWIN	Himachal Pardesh Board of School Education Dharmshala	88 %	2014
CLASS X		SHIKSHA ACADEMY PUBLIC SCHOOL GHUMARWIN	Himachal Pardesh Board of School Education Dharmshala	90.57 %	2012

Subjects / Electives	Computer System, Advanced Computer Architecture, Memory System And Architecture, Data Structure and Algorithm, Maths for CS, Artificial Intelligence, Digital Image Processing and Analysis
Technical Proficiency	C Programming, C++ Language, Python3, JavaScript, HTML + CSS, PHP, MySQL

PROJECTS

1) - DRAM Refresh Optimization - MTech Thesis Project This project is under the Master Thesis Project. The work is under the Dr. Shirshendu Das. This work is for optimizing the refresh operation in Dynamic random-access memory (DRAM). Implementation of the project is still working on and looking for some good result. Simulator Using: DRAMSim2, Programming Requirement: C , C++ Aug 2020 - Present
2) - Enhancing Last Level Cache Performance Using Additional Victim Tag Storage - Cache Optimization in Computer System This project is done under the course Memory System and Architecture. The work is to optimized the Last level cache performance by using an additional lookup table. Simulator Used: Champ-Sim, Programming Requirements: C Jan 2020 - May 2020
3) - COLLEGE MANAGEMENT SYSTEM - BOTH FRONT END AND BACK END WEB PROGRAMMING Final Year BTech Project: https://github.com/Sudershan1818/COLLEGE-MANAGEMENT-SYSTEM.git This is the project of College Management System. The Website helps to handle many requirements of student, academics and teacher. This helps to manage online submission of assignment, project , online attendance and issue of admit card etc. Platform Needed: Apache HTTP Server, XAMPP Programming Requirement: HTML, CSS, JavaScript, PHP and MySQL Feb 2019 - Jul 2019

TEST SCORES

TEST NAME	DATE OF EXAM	SCORE
Graduate Aptitude Test in Engineering	Feb 3, 2019	Score:644/1000

LANGUAGES KNOWN

English, Hindi

POSITION OF RESPONSIBILITY

Class Representative - University Institute Of Information Technology Shimla	Jul 2015 - Jul 2019
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EXTRA CURRICULAR ACTIVITIES

Cooking
Trekking