



# Manish Kumar

ACADEMIC DETAILS			
B.E. (Hons.), Computer Science & Engineering	Chandigarh University, Chandigarh	68 %	2021
Haryana Board (CLASS XII)	GSSS, Kanina	69 %	2016
Haryana Board (CLASS X)	GHS, Sehore	84 %	2014
SUBJECTS			
Technical Proficiency	C++, C Programming, Data Structures, Operating Systems, Algorithms, Linux, Android Studio, OpenCV, Git, Unix, Python, Flutter		
PROJECTS			
Hack_assembler	Developed a Hack assembler utilizing C++ which converts Hack assembly language into Machine Code ( Binary code ). Github: <a href="https://github.com/gods-mack">https://github.com/gods-mack</a>		Aug 2020 - Aug 2020
NAND2TETRIS	Building a modern computer from the first principle. This developing journey includes hardware design and software design.  The hardware part includes Multiplexer, flip-flops, and 16bit-ALU. Software part includes Assembler, Virtual-Machine, Compiler, and Operating system.		Jun 2020 - Present
Vision mobile applicaton	All-in-one computer vision mobile application using Google Firebase MLkit and Dart (Flutter).		Aug 2019 - Nov 2019
CERTIFICATIONS			
Build a Modern Computer from First Principles-1: From Nand to Tetris (Project-Centered Course), The Hebrew University of Jerusalem		<a href="https://www.coursera.org/account/accomplishments/records/Z827A6QFB6K2">https://www.coursera.org/account/accomplishments/records/Z827A6QFB6K2</a>	
Algoritihms: Design and Analysis, Stanford Online		<a href="https://drive.google.com/file/d/1PIIzZuLQDfEE912-ITmcF4VzWuE31N39/view">https://drive.google.com/file/d/1PIIzZuLQDfEE912-ITmcF4VzWuE31N39/view</a>	
Machine Learning, Stanford Online		<a href="https://www.coursera.org/account/accomplishments/verify/9HQD88JCGTFC">https://www.coursera.org/account/accomplishments/verify/9HQD88JCGTFC</a>	
EXTRA-CURRICULAR ACTIVITIES			
Open-source software/project contribution	Contributed to Github Hacktoberfest 2019 online open-source contribution event.		
Google Assistant Quiz ( Computer Quizzler)	Developed a quiz application (which is globally available) for Google Assistant.		
3 Star Coder	3 star coder at CodeChef (best rating 1633 ).		
COMPETITIONS			
Codchef Coding Competition	Secured Global Rank 3126 out of more than 29000 users in Codechef July Challenge.		Jul 2020
DAVINCI Hackathon	Participated in DAVINCI Hackathon and developed a firearms detection application using Python's OpenCV library.		Feb 2020
POSITIONS OF RESPONSIBILITY			
Coding Problem setter, CU-Coders Codechef community	Arranged coding problems from various topics like Graph, Tree, String and DP for monthly coding-competition.		Jul 2020 - Present
PUBLICATIONS			
All in One Computer Vision Application using MLkit   Journal name: <b>Test Engineering &amp; Management Magazine</b> Publication date: <b>Feb 29, 2020</b>			
BASIC INFORMATION			
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