

Shivam Garg

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Education	Indian Institute of Technology (BHU), Varanasi <i>Presently, 3rd year undergraduate</i> <i>B.Tech integrated M.Tech in Computer Sci. and Engg.</i> <i>GPA: 9.72/10.0 (up to 5th Semester)</i> <i>(Ranked 2/82 in my class)</i>	(Expected) 2019
	Delhi Public School Indirapuram, Ghaziabad <i>Class XII</i> <i>Percentage: 94.2 %</i>	2014
	<i>Class X</i> <i>GPA: 10.0/10.0</i>	2012
Interests	Artificial Intelligence and applications in Computer Vision, Robotics and Neuroscience	
Projects	Object Recognition <i>Under Prof. R. Srivastava, CSE Dept., IIT (BHU), Varanasi</i> <i>I have currently implemented SIFT in MATLAB, and applied CNN to image classification problem. Current plan is to include context in my object recognition framework</i>	Sep 2016-Present
	Multi-document text summarizer <i>Under Dr. R. Chowdary C, CSE Dept., IIT (BHU), Varanasi</i> <i>Proposed an incremental extractive, query specific graph based, summary generation model and implemented it in Python and used NLTK</i>	Jan-May 2016
	CPU simulation on Logisim <i>Under Dr. S.K. Singh, CSE Dept., IIT (BHU), Varanasi</i> <i>Created a working simulation of a simple 8-bit CPU complete with an ALU, Control Unit and conditional branching</i>	Oct 2015
Tech Skills	C · C++ · Python · MATLAB · OpenCL · L ^A T _E X · Caffe	

Achievements	National Talent Search Examination recipient <i>awarded by NCERT, Govt. of India (~ 1000 students selected nationally)</i>	2010
	Successfully qualified Regional Mathematical Olympiad, UP <i>State level for International Mathematical Olympiad (~ 300 students selected nationally)</i>	2012
	Awarded CBSE certificate of merit <i>For being amongst the top 0.1 % candidates in Physics (class XII)</i>	2014
Experience	Teaching Assistant for freshman course: C Programming <i>Responsible for holding labs for freshmen students and grading their Mid-Semester and End-Semester Exams</i>	Aug-Dec 2016
	Teaching Assistant for freshman course: C Programming <i>Responsible for holding tutorial sessions for freshmen students</i>	Jan-May 2017
Courses Taken	Computer Sci. and Math <i>Engg. Math (Calculus), Computer Prog. (C & C++), IT-Workshop (Python and applications), Probability and Statistics, Data Structures and Algorithms, Discrete Math, Computer System Organization, Mathematical Methods (Transforms and differential equations), Operating Systems, Database Systems, Artificial Intelligence, Intelligent Computing (Neural Nets and GA), Computer Graphics, Computer Vision[*], Linear Algebra⁺, ConvNets for Computer Vision⁺</i>	
		⁺ Online Courses [*] Current semester
	Others <i>Physics (Classical, Quantum and Relativistic Mechanics and Engg. Electromagnetics), Intro. to Biomedical Engg., Biochemistry, Engg. Drawing</i>	
Extra-curricular	Table Tennis · Cycling · Harmonica · Go	
Personal	Date of Birth: 13 th August 1996 Male	