

Eashan Gupta **Computer Science & Engineering Indian Institute of Technology Bombay** 160050045 B.Tech. Male

_{ज्ञातम्} परमम् <i>ध्येयम्</i>	DOB: 30/10/1998			
Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2020	8.99
Pursuing Hon	nors in Computer Science	and Engineering		'
SCHOLAST	TIC ACHIEVEMENT	S		
Amongst theReceived KisRecipient of	e top 35 students of the Inshore Vaigyanik Protsahan the National Talent Sea	Advanced among 200 thousand candidates and an National Olympiads in Physics and Yojana Fellowship (KVPY) with an All Indicarch Examination Scholarship awarded by the	ia Rank of 121	(2016) (2016) (2015) (2014)
Internsh	IPS AND RESEARC	CH PROJECTS		
• Automated pexchanges; si	performance testing plat imulated a similar environ	e Checks Tower Research Capital, Gurgaon form for the software processing the order book ment on servers using Bash and Python script s and configurations of CAT to observe dependen	k data broadcast ts and the Jenki	ins API
Reduction in Guide: Prof. F	n Games played on recu Roland Meyer	rsion schemes	May '1 TU Braunschwei	8 - July '18 g, Germany
• Proposed a r	new approach to model gar	tes to safety games played on higher order re times on recursion schemes using computation S to CPDA using Krivine machines and λ -lab	trees of the HO	RS
• Studied abst	ract interpretation for prog	ns Guide: Prof. Supratik Chakraborty ram verification and implemented congruence a g its segments to bound sets and expressions usi	and array abstra	
Course I	PROJECTS			
_		Advanced Machine Learning		9 - May '19
• Designed an		meworks for handwriting synthesis and analyzed hm to generate handwriting by using attention o improve efficiency	-	
Lightweight	Probabilistic Deep Net	works Digital Image Processing	Oct 'I	!8 - Nov '18
-		<pre>irichlet categorical classifier to account for und using the Keras API in Python to approxima</pre>		-
• Built an app	to provide automated tick	ar Parking Database & Information System setting service for car parking using the Flutter d Tomcat API to manage the database and its	· API on Android	
• Explored and		mputer Architecture timing attacks on implementations of cryptogra e OpenSSL library and recover bits of the key	phic algorithms	28 - Nov '18 ementation
• Developed a	compiler and an interpret	Implementation of Programming Languages er for a subset of C language to generate its MI g abstract syntax trees, control flow graphs and	IPS assembly cod	9 - May '19 le
• Implemented		n Computer Graphics O objects using C++ OpenGL and texture mane camera along Bézier curves and simulated li	apping for surface	
• Developed as		nmer Project board which uses voice recognition system using the minimax algorithm with alpha	ng an API	17- June '17 ng in C++

- Teaching assistant for the courses: Soft Skills online course (IITBombayX), Computer Programming and Utilization
- Successfully completed one year training in lawn tennis under National Sports Organisation, IIT Bombay

EXTRACURRICULARS _