

**RAHUL BOTHRA**

Course : B.E. (Hons.), Computer Science, 2020

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Mobile : 7733052890

CGPA : 7.65

**ACADEMIC DETAILS**

COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	% / CGPA	YEAR
CLASS XII	Science / Information Practices	St. Anselm's Pink City Sr. Sec. School	CBSE	94.8	2016
CLASS X	Science	St. Anselm's Pink City Sr. Sec. School	CBSE	10	2014

ELECTIVES / TECHNICAL PROFICIENCY

Subjects / Electives	Logic in Computer Science, Data Structures and Algorithms, Object Oriented Programming, Digital Design
Technical Proficiency	C++, Algorithms, Python, Java

SUMMER INTERNSHIP / WORK EXPERIENCE

Student Developer, Google Summer of Code	May 2018 - Aug 2018
<ul style="list-style-type: none"> Worked on project "Implement cross version Python support for Sugar" under Walter Bender Ported and refactored core Python modules and C Extensions to the newer major version Migrated dbus and telepathy based backend of the Sugar OS to its PyGObject counterpart 	
Software Engineer Intern, Vahan Inc	May 2017 - Jun 2017
<ul style="list-style-type: none"> Developed customized dashboards for clients providing relevant data analytics Made unit tests for core modules and did hotfix 	
Teaching Assistant, Birla Institute of Technology and Science	Aug 2017 - Present
<ul style="list-style-type: none"> Taught students and resolved doubts in "Computer Programming" and "Logic in Computer Science" courses Prepared questions and invigilated during the evaluative components in the courses 	
Levitation Engineer, Hyperloop India	Sep 2016 - Jun 2017
<ul style="list-style-type: none"> Designed and manufactured the Levitation assembly of the pod to maximize the lift to drag ratio Selected among the 24 world finalists teams for the SpaceX Global Challenge 	

PROJECTS

Introducing Seam Carving on - 3D Models, 360 degree images	Aug 2018 - Present
<ul style="list-style-type: none"> Extending seam carving to 360 degree images and 3D models Optimize the weighing algorithm for pixels to prevent critical objects from being carved 	
BOB Bot of BITS - APOGEE Winner	Feb 2018 - Mar 2018
<ul style="list-style-type: none"> Created a NLP & Flask based Chatbot to answer queries of BITS students Used compressed tries and BFS traversal to traverse and process queries 	
Automate Chant Detection in Kabaddi - 5th Rank in ICSE 2017	Sep 2017 - Oct 2017
<ul style="list-style-type: none"> Proposed algorithm to use Image recognition and syllable analysis to lip read the players chanting and audio analysis to safeguard from false positives 	

POSITION OF RESPONSIBILITY

Development SIG Coordinator - BITS ACM	May 2018 - Present
<ul style="list-style-type: none"> Collaborate with ACM and conduct "Special Interest Groups" (SIG) Lectures and workshops over the year in college 	

AWARDS AND RECOGNITIONS

National Talent Search Examination (NTSE) NCERT	Apr 2014
Kishore Vaigyanik Protsahan Yojana (KVPY) DST, Government of India	Apr 2016
Top 0.1% Merit Information Practices - CBSE	Nov 2016
Report Bug OLX	Aug 2016
<ul style="list-style-type: none"> User Account access was exposed via URLs based on sequential pattern generated while messaging users on OLX 	

TEST SCORES

TEST NAME	DATE OF EXAM	SCORE
Indian Institute of Technology - Joint Entrance Examination 2016	May 22, 2016	97.7 Percentile
BITSAT	May 24, 2016	Score: 418/450