

Rahul Arora

CONTACT INFORMATION DGP Lab, Bahen Centre for IT
University of Toronto, Toronto ON M5S 2E4
arorar@cs.toronto.edu
dgp.toronto.edu/~arorar

RESEARCH INTERESTS Interactive Computer Graphics
Human-Computer Interaction
Virtual and Augmented Realities

EDUCATION *PhD, University of Toronto* 2015-Present
Major: Computer Science
CGPA: 4.0/4.0

MTech, Indian Institute of Technology, Kanpur 2014-2015
Major: Computer Science and Engineering
CGPA: 9.6/10.0

BTech, Indian Institute of Technology Kanpur 2010-2015
Major: Computer Science and Engineering
CGPA: 8.5/10.0

PUBLICATIONS **Experimental Evaluation of Sketching on Surfaces in VR**
Rahul Arora, Rubaiat Habib Kazi, Fraser Anderson, Tovi Grossman, Karan Singh, and George Fitzmaurice
ACM SIGCHI Conference on Human Factors in Computing Systems 2017 (CHI '17)

Sketchsoup: Exploratory Ideation using Design Sketching
Rahul Arora, Ishan Darolia, Vinay P. Namboodiri, Karan Singh, and Adrien Bousseau
Computer Graphics Forum (CGF) 2017

Derandomizing Isolation Lemma for $K_{3,3}$ -free and K_5 -free Bipartite Graphs
Rahul Arora, Ashu Gupta, Rohit Gurjar, and Raghunath Tewari
Symposium on Theoretical Aspects of Computer Science (STACS) 2016

TEACHING EXPERIENCE **Computer Graphics**, University of Toronto Fall 2017
Teaching Assistant with Prof. Karan Singh and Prof. Alec Jacobson

Intro to Theory of Computation, University of Toronto Fall 2015
Teaching Assistant with Prof. Azadeh Farzan

Introduction to Computer Graphics, IIT Kanpur Fall 2014
Teaching Assistant with Prof. Vinay P. Namboodiri

SELECTED INTERNSHIPS **Autodesk Research, Toronto** Winter 2017
Mentored by Dr. Tovi Grossman and Dr. Rubaiat Habib
Developed a prototype augmented reality tool for concept sketching in 3D.

Autodesk Research, Toronto Summer 2016
Mentored by Dr. Tovi Grossman and Dr. Rubaiat Habib
Conducted controlled experiments to understand 3D sketching ability.

Adobe Research Bangalore, India Summer 2013
Mentored by Ramesh Srinivasaraghavan
Built a gamified crowdsourcing platform for object recognition tasks.

AWARDS AND RECOGNITION	– Mitacs Accelerate Award for industrial partnership	2016
	– Merit-cum-Means Scholarship, IIT Kanpur	2010-2014
	– Academic Excellence Award, IIT Kanpur (top 5% students)	2013
	– KVPY Fellowship, Government of India (200 students across the nation)	2010
	– NTS Scholarship, Government of India (1000 students across the nation)	2008