Rajaditya Mukherjee

PERSONAL & CONTACT INFORMATION		
	The Ohio State University	☎(614)-271-4439
	Dept. of Computer Science & Engineering	✉raj@rajaditya.com
	Dreese Laboratories	🌐http://www.cse.ohio-state.edu/~mukherjr
	2015 Neil Avenue	Citizenship : Indian Citizen
	Columbus, OHIO 43210 USA	Visa Status : F1 (Student Visa)

RESEARCH INTERESTS

Physically based simulation, Physically based object modeling - 3D Printing

EDUCATION

The Ohio State University

Ph.D. Candidate, Computer Science and Engineering (expected May 2018)

- Major : Computer Graphics
- Minors : Theoretical Computer Science and Mathematics(Numerical Methods)
- Advisor: Dr. Huamin Wang
- CGPA : 3.95/4.0

Jadavpur University , India

Bachelor in Computer Science and Engineering, July 2011

- CGPA : 8.77/10 (Absolute Grading) Marks : 81.77% overall
- Final year project in Computational Geometry

PROFESSIONAL EXPERIENCE

May 2011	July 2012	**Synopsys India Pvt. Ltd.**
		R&D Engineer I in Verification Group
		Salient Projects : Unified Messaging Architecture for VCS-NLP, CPF (Common Power Format) Implementation for VCS-NLP
		Technologies : C++, Verilog, IEEE 1801-2009 UPF

SCIENTIFIC RESEARCH EXPERIENCE

2010-2011	A Research Testbed in Computational Geometry Algorithms. Advisor: C. Mazumdar, Dept. of Computer Science and Engineering, Jadavpur University.
2010	Measurement Experiments in Future Internet Testbeds. Advisor: G. Carle, Chair for Network Architecture and Services, Technische Universität München.

HONORS AND AWARDS

2012–2013	Graduate School Fellowship
	The Ohio State University
2011	UGC Undergraduate Research Scholarship
	Jadavpur University
2010	WISE(Working Internships in Science and Engineering) Scholarship
	German Academic Exchange Service (DAAD)

GRADUATE COURSEWORK	❑ Advanced Operating Systems [*Graduate Core*] ❑ Algorithms [*Graduate Core*] ❑ Foundations of Programming Language [*Graduate Core*] ❑ Realtime Rendering with OpenGL [*Graphics Major*] ❑ Advanced Computer Graphics [*Graphics Major*]

❑ Computability and Complexity [*Theory Minor*]
❑ Essentials of Numerical Methods [*Math Minor*]

RELEVANT SKILLS	Languages:	English, Hindi, Bengali , Spanish
	Programming Proficiency :	C,C++,Java, Python, HTML, OpenGL

REFERENCES   Available on request