Arpon Raksit

Résumé (July 2015)

Contact

Email: arpon.raksit@gmail.com
Web: www.arponr.com

Education

Stanford University
PhD in mathematics, beginning fall 2016

University of Cambridge
MASt in mathematics (Part III), 2015–2016

Harvard University
BA in mathematics, magna cum laude, 2015
Secondary in computer science
Thesis: "Characters in global equivariant homotopy theory", advised by Jacob Lurie

Honors & Awards

NSF Graduate Research Fellowship, 2015
Herchel Smith Fellowship (Harvard University, for one year of study at University of Cambridge), 2015
Wister Prize (Harvard University, for senior with 'highest record' in mathematics), 2015
Friends Prize (Harvard University, awarded to two senior theses in mathematics), 2015
Phi Beta Kappa, 2015
Harvard University Certificate of Distinction in Teaching, 2014
Intel STS Semifinalist, 2011
Siemens Competition Semifinalist, 2010

Reading projects

Stable and chromatic homotopy theory
Advised by Jacob Lurie, funded by Harvard College Research Program, summer 2014

Simplicial homotopy theory
Advised by Emily Riehl, fall 2013

Lie groups and Lie algebras
Advised by Joe Harris, funded by Harvard College Program for Research in Science and Engineering, summer 2012

Teaching

Course assistant at Harvard University
Led section, held office hours, graded problem sets for:
Math 131 (Topology I), fall 2013
Math 123 (Algebra II), spring 2014

Math Circle instructor at Harvard University
Taught self-discovery-oriented classes for 6–10 year-olds in fall 2013, spring 2014, fall 2014

Other experience

Software Engineering Intern, Google
Analyzed (using MapReduce in C++) and visualized (using Python) data for the Google Play team in Mountain View, CA, summer 2013

Computational modeling research, Stony Brook University
Advised by Dilip Gersappe, developed parallel models of material phenomena using the C++ library *Palabos*, 2009–2011
Work presented at APS March Meetings 2010–2012