

ABHINAV BOMMIREDDI

CONTACT

Address: Apt: 207, 350 Columbia st W, Waterloo, ON
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EDUCATION

University of Waterloo

M.Math (Thesis) in Computer Science
Advisor: Prof. Eric Blais
GPA: 94.7/100

September 2015 - August 2017

Indian Institute of Technology Guwahati (IITG), India

B.Tech in Computer Science
GPA: 8.88/10

July 2011 - May 2015

RESEARCH INTERESTS

- Property Testing
- Boolean Functions
- Sublinear algorithms
- Optimization

PUBLICATIONS

- Eric Blais, Abhinav Bommireddi, "Testing submodularity and other properties of valuation functions", to appear in ITCS 2017.

TEACHING ASSISTANT

- CS 135: Designing functional programs, Fall 2015.
- CS 341: Algorithms, Winter 2016.
- CS 666: Algorithm design and analysis, Spring 2016.
- CS 666: Algorithm design and analysis, Fall 2016.

AWARDS

- David R. Cheriton Graduate Scholarship (2015 - 2017).

GRADUATE COURSEWORK

- Optimization for Machine Learning
- Concentration Inequalities
- Spectral Graph Theory
- Quantum Information Processing