

UTHSAV CHITRA

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35 Olden Street, Princeton, NJ, Office 317

EDUCATION

Princeton University, Princeton, New Jersey
Ph.D. Candidate in Computer Science

September 2018 - Present

Brown University, Providence, Rhode Island
Sc.B. Mathematics, A.B. Computer Science, A.B. Applied Math

Sept 2013 - May 2017

GPA: 4.0/4.0

RESEARCH EXPERIENCE

Graduate Research Assistant, Princeton University

Summer 2018 - Present

- Studying machine learning problems motivated by applications in biology with Prof. Ben Raphael.
- Working on algorithmic problems in opinion dynamics and optimization with Dr. Christopher Musco.

TEACHING EXPERIENCE

Teaching Assistant, Brown University

Fall 2014, 2015, 2016; Spring 2015, 2017

- Duties included holding weekly office hours and labs, grading homeworks and tests, and developing course material.
- Classes assisted include linear algebra, probability, advanced algorithms, abstract algebra, and number theory.

Counselor, Program in Mathematics for Young Scientists (PROMYS)

Summer 2014

- Counselor for summer program that introduces high school students to higher math.
- (Socratically) guided students through daily problem sets, mentored a group project, and aided seminars in abstract algebra.

Teaching Assistant, Art of Problem Solving

Winter 2012 - Winter 2016

- Assisted online classes in real time, overseeing the message queue and helping students struggling with class material.
- Classes assisted include algebra, number theory, combinatorics, and math competition prep.

HONORS AND AWARDS

Jerome Stein Memorial Award, Brown Applied Math Department

Spring 2017

Phi Beta Kappa, inducted junior year

Spring 2016

Top 200, William Lowell Putnam Math Competition

Winter 2015

First Place, Brown Hartshorn-Hypatia Math Exam (for freshman)

Fall 2013

Semifinalist, Siemens Competition

Fall 2012

WORK EXPERIENCE

Software Engineer, Facebook

August 2017 - September 2018

- Developed models and infrastructure to improve user sentiment of news feed ads.

Software Engineering Intern, Facebook

Summer 2016

- Worked on various front-end projects as a part of the Video Ads team.

EXTRACURRICULARS

Performer, **Brown Lion Dance**

Fall 2013 - Spring 2017

- Co-Captain 2015-16, President 2016-17

Officer, **Brown Math Departmental Undergraduate Group**

Fall 2015 - Spring 2016

Mentor, **Brown Matched Advising Program for Sophomores**

Fall 2016, Spring 2017

Hobbies: Indoor bouldering, keeping up with current events (NYT, NPR, The Economist), bad puns.