

Jad Omar Salem

Georgia Institute of Technology
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EDUCATION:

M.S. in Mathematics, Georgia Institute of Technology 2019
B.A. in Mathematics, Oberlin College 2017
Advisor: Lola Thompson
Honors Project: Ergodic Methods in Number Theory
Budapest Semesters in Mathematics Spring 2016

HONORS AND AWARDS:

Outstanding Student Evaluations, Georgia Institute of Technology 2018
Awarded to a teaching assistant
High Honors in Mathematics, Oberlin College 2017
The Orr Prize 2017
Awarded to a senior mathematics major at Oberlin College
Phi Beta Kappa
Inducted on May 20, 2017
Sigma Xi, Associate Member
Inducted on May 1, 2017

RESEARCH AND PROFESSIONAL EXPERIENCE:

Research at Georgia Institute of Technology 2019-present
Topic: Fairness and combinatorial optimization
Advisor: Swati Gupta
Fairfield University REU 2016
Topic: Elasticity and catenary degree in the ring of integer-valued polynomials
Advisor: Paul Baginski
Grader at Oberlin College 2014-16

TEACHING EXPERIENCE:

Georgia Institute of Technology
Teaching Assistant 2017-present
Oberlin College
Teaching Assistant/Workshop Leader 2014-17

OUTREACH:

Counselor at the Ross Mathematics Program
Provided mathematical guidance to participants, which included grading their number theory homework, meeting with them regularly to discuss their progress, giving informal lectures on supplementary topics, and leading seminars. 2015,2017-19
Directed Reading Program
Currently mentoring an undergraduate mathematics major at Georgia Tech.
Project: Randomized Algorithms 2019-present
High School Math Competition
Currently serving on the organizing committee for Georgia Tech's High School Math Competition. 2019-present