

# Michael Gintz

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## Education

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### University of Illinois Chicago (2022 - present)

Ph.D. student in Mathematics

### Princeton University (May 2022)

A.B. in Mathematics, Certificate in Linguistics

## Research Experience

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### Two Approaches to the Class Field Tower Problem

Undergraduate senior thesis (2022) [\[link\]](#)

### Square Factors in Projective Character Degrees

REU at Texas State University (Summer 2021)

Pre-recorded talk, YMC (2021) [\[link\]](#) [\[slides\]](#)

Poster, AMS - PME Student Poster Session (2022) [\[pdf\]](#)

### Configuration Spaces and Representation Stability

Undergraduate junior paper (Spring 2021) [\[pdf\]](#)

### Classifying Graph Lie Algebras

PRIMES-USA (2017)

Talk, PRIMES Conference (2017) [\[slides\]](#)

Poster, MAA Undergraduate Poster Session (2018) [\[pdf\]](#)

Paper (2018) [\[pdf\]](#)

## Teaching Experience

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### University of Illinois Chicago

Teaching Assistant, Math 110: College Algebra (Fall 2022)

Teaching Assistant, Math 180: Calculus I (Fall 2022)

### Canada/USA Mathcamp

Teacher, Breaking Bad RSA Encryption (Summer 2019) [\[notes\]](#)