

Andrew Kwon

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Education

Expected May 2024 PhD in Mathematics, University of Pennsylvania
May 2019 B.S. in Mathematics, Carnegie Mellon University

Awards and Honors

2019 - 2024 NSF Graduate Research Fellowship (NSF GRFP)
2018 Goldwater Scholar
2017 William Lowell Putnam Competition Honorable Mention

Publications & Preprints

A. Kwon, *A Note on Minimal Additive Complements*, Discrete Mathematics, 342 (7) (2019) 1912-1918.

M. Asada, R. Chen, E. Fourakis, Y. Kim, A. Kwon, J. D. Lichtman, B. Mackall, S. J. Miller, E. Winsor, K. Winsor, J. Yang, and K. Yang, *Lower-Order Biases in Second Moments of Dirichlet Coefficients in Families of L-Functions*, Experimental Mathematics, to appear.

Talks

- Joint Mathematics Meetings, San Diego, CA 2018.
- Young Mathematicians Conference, The Ohio State University, Columbus, OH 2016.

Teaching

- 2020 - 2021 *Teaching Assistant*
University of Pennsylvania Mathematics Department
Taught section/graded problem sets for Multivariable Calculus.
- 2016 - 2019 *Teaching Assistant*
Carnegie Mellon University Mathematics Department
Taught section/graded problem sets for: Concepts of Mathematics (3x),
Linear Algebra.
- 2014, 2015 *Course Instructor*
A-Star Summer Math Camp
Taught courses in elementary combinatorics and number theory to middle school and high school students.

Employment

- 2018 Research Intern
National Security Agency
Applied and extended language modeling and n -gram techniques to a high-priority classified project.

Service and Activities

- 2021 - Mentor
Penn Directed Reading Program
- 2020 Teaching Assistant
Penn Summer Math Academy
- 2018 - Referee
Journal of Number Theory, Publicationes Mathematicae Debrecen
- 2015 - 2018 Co-founder, Vice President
Carnegie Mellon Informatics and Mathematics Competition