

# Andrew Kwon

Department of Mathematics  
University of Pennsylvania  
David Rittenhouse Laboratory, 33rd Street  
Philadelphia, PA 19103

email: [akwon@upenn.edu](mailto:akwon@upenn.edu)

website: <https://andrewokwon.github.io>

## 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

- 2020 -    Instructor  
Princeton Prison Teaching Initiative
- 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