Justin Miller

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Education:

The University of Notre Dame Spring 2018 - Present	Ph. D. Candidate Advisor: Dr. Peter Cholak
The University of Notre Dame Spring 2018	M.S. in Mathematics
The Pennsylvania State University Fall 2016	B.S. in Mathematics Schreyer Honors College

Papers:

The University of Notre Dame 2020	Noncomputable Coding, Density, and Stochasticity. In Preparation. https://arxiv.org/abs/2005.14307
The University of Notre Dame 2020	Intrinsic Smallness. *Journal of Symbolic Logic.* To Appear. https://arxiv.org/abs/1909.00050
The Pennsylvania State University 2016	Extending First Order Logic to Quantify Over Formulas Undergraduate Honor's Thesis Advisor: Dr. Jason Rute https://honors.libraries.psu.edu/catalog/29235

Teaching Experience:

The University of Notre Dame Spring 2020	Instructor Math 10560: Calculus II
The University of Notre Dame Spring 2019	Instructor Math 10130: Beginning Logic
The University of Notre Dame Fall 2018	Head Teaching Assistant Math 10550: Calculus I
The University of Notre Dame Spring 2018	Teaching Assistant Math 10360: Calculus B

The University of Notre Dame Fall 2017	Teaching Assistant Math 10550: Calculus I

Talks:

XXV Midwest Computability Seminar Sepetember 2020	Noncomputable Coding, Density, and Stochasticity http://sites.nd.edu/justin-d-miller/files/2020/09/DensitySlides.pdf
2019 CMS Winter Meeting - Computability Theory December 2019	Intrinsic Density and Intrinsically Small Sets http://sites.nd.edu/justin-d-miller/files/2019/12/Slides.pdf

Awards:

The University of Notre Dame Spring 2020	Outstanding Graduate Student Teacher Award Notre Dame Learning and the Kaneb Center
The Pennsylvania State University Spring 2016	William B. Forest Honors Scholarship