

Nolan J. Coble

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Education

PhD in Applied Mathematics, University of Maryland, College Park

- Expected May 2025, College Park, MD

B.S. in Mathematics and Physics, Minor in Computer Science, Honors Program

- May 2020, SUNY Brockport, Brockport, NY
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Research Experience

- Senior Thesis Research *Spectral properties of quaternionic unit gain cycles*, with Dr. Nathan Reff.
 - Training and Research Experiences in Nonlinear Dynamics REU at the University of Maryland, College Park, *Predicting Network Dynamics with a Parallel Machine Learning Approach*, with Dr. Michelle Girvan, Dr. Ed Ott, and Dr. Thomas Antonsen, Summer 2019
 - Photonics REU at the University of Rochester, *Finite-Element Modeling of Waveguide Structures Using COMSOL Multiphysics*, with Dr. Benjamin Miller, Summer 2018
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Conference Papers

- Nolan J. Coble and Ning Yu. 2020. A Reservoir Computing Scheme for Multi-class Classification. In 2020 ACM Southeast Conference (ACMSE 2020), April 2–4, 2020, Tampa, FL, USA. ACM, New York, NY, USA, 7 pages. <https://doi.org/10.1145/3374135.3385265>
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Work Experience

- Math Tutor: The College at Brockport, SUNY, Academic Success Center, Fall 2019—Spring 2020
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Honors/Awards

- University of Maryland Dean's Fellowship, 2020
 - SUNY Chancellor's Award for Student Excellence, 2020
 - School of Arts and Sciences Outstanding Undergraduate Award, 2020
 - Brockport Honors College Scholar Award, 2020
 - Robert E. Hall Memorial Scholarship for Mathematics, 2020
 - Department of Computer Science Undergraduate Research Award, 2020
 - Belva A. Waite Memorial Scholarship, 2019, 2016
 - Interdisciplinary Award in Mathematics, 2018
 - Harvard House Award, 2018
 - Brockport Physics, Mathematics, and Computer Science Award, 2018, 2017
 - Dean's Citation for Diversity, University of Rochester, 2018
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Memberships/Affiliations

- ΣΠΣ National Physics Honor Society
- Honors College at the College at Brockport
- Brockport Physics Club, Vice President 2019-20, Treasurer 2018-19
- Brockport Orchestra, Concert, Jazz, Brass, and Wind Quintet Ensembles, 2016-20