Noel Warford

PhD Candidate · University of Maryland

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Education

University of Maryland   *College Park, MD*
PhD Computer Science   *2018 - present*
- Advisor: Dr. Michelle Mazurek

Oberlin College   *Oberlin, OH*
BA Computer Science   *2013-2018*

Oberlin Conservatory   *Oberlin, OH*
BM Organ Performance   *2013-2018*

Professional Experience

2018 - 2023   **Graduate Research Assistant**, University of Maryland, College Park
2018 - 2023   **Music Minister**, St. Michael's Episcopal Church, Arlington
2020   **Graduate Teaching Assistant**, University of Maryland, College Park

Publications

Published

Alan F. Luo, **Noel Warford**, Samuel Dooley, Rachel Greenstadt, Michelle L. Mazurek, Nora McDonald. How Library IT Staff Navigate Privacy and Security Challenges and Responsibilities. USENIX Security Symposium, 2023.

Phoebe Moh, Pubali Datta, **Noel Warford**, Adam Bates, Nathan Malkin, Michelle L. Mazurek. Characterizing Everyday Misuse of Smart Home Devices. IEEE S&P, 2023.

Noel Warford, Tara Matthews, Kaitlyn Yang, Omer Akgul, Sunny Consolvo, Patrick Gage Kelley, Nathan Malkin, Michelle L. Mazurek, Manya Sleeper, Kurt Thomas. SoK: A Framework for Unifying At-Risk User Research. IEEE S&P, 2022.

Noel Warford, Collins W. Munyendo, Ashna Mediratta, Adam J. Aviv, Michelle L. Mazurek. Strategies and Perceived Risks of Sending Sensitive Documents. USENIX Security Symposium, 2021.

Elissa M. Redmiles, **Noel Warford**, Amritha Jayanti, Aravind Koneru, Sean Kross, Miraida Morales, Rock Stevens, Michelle L. Mazurek. A Comprehensive Quality Evaluation of Security and Privacy Advice on the Web. USENIX Security Symposium, **Distinguished Paper Award**, 2020.

Kevin Hogan, **Noel Warford**, Robert Morrison, David Miller, Sean Malone, James Purtilo. The Challenges of Labeling Vulnerability-Contributing Commits. IEEE International Symposium on Software Reliability Engineering (ISSRE) Workshops, 2019

Noel Warford, Maithilee Kunda. Measuring Individual Differences in Visual and Verbal Thinking Styles. Proc. CogSci, 2018.

Ellis Brown, Soobeen Park, **Noel Warford**, Adriane Seiffert, Kazuhiko Kawamura, Joseph Lappin, Maithilee Kunda. SpatioTemporal Template-based Search: An Architecture to Model Human Search for Spatiotemporal Targets. Advances in Cognitive Systems, 2018.

Awards, Fellowships, & Grants

2020   **Distinguished Paper Award**, USENIX Security Symposium

2018   **Dean's Graduate Fellowship**, University of Maryland
Member, Phi Beta Kappa

2013   **Dean's Scholarship**, Oberlin Conservatory
        John F. Oberlin Scholarship, Oberlin College

Teaching Experience

Fall 2020   **CMSC 634 - Empirical Research Methods for Computer Science**, Teaching Assistant
Spring 2020   **CMSC 260 - Discrete Structures**, Teaching Assistant

Mentoring

2022-2023   **Aaron Ortwein**, MS Student, University of Maryland
2022-2023   **Kent O'Sullivan**, MS Student, University of Maryland
2021-2022   **Alan F. Luo**, PhD Student, University of Maryland
2021-2022   **Connor Clayton**, PhD Student, University of Maryland
2021-2022   **Kaitlyn Yang**, Undergraduate, University of Maryland
2019-2020   **Ashna Mediratta**, Undergraduate, University of Maryland
2018-2019   **Amritha Jayanti**, Undergraduate, University of Maryland

Academic Service

Departmental Service

2021-2023   **UMD CS GradCo Peer Mentorship Program**, Mentor
2020   **Maryland Cybersecurity Center Reading Group**, Organizer

Peer Review

USENIX Security Artifact Evaluation, 2022
IEEE S&P, 2021, subreview for Michelle Mazurek
SOUPS, 2021, subreview for Adam Aviv
CHI, 2020
NDSS, 2020, subreview for Michelle Mazurek