

## David G. Balash

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### CONTACT

#### INFORMATION

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### RESEARCH

#### INTERESTS

**Usable Security and Privacy; Trustworthy Artificial Intelligence; Complex Systems**

### EDUCATION &

#### PROFESSIONAL

#### EXPERIENCE

[University of Richmond](#), Richmond, VA USA

Assistant Professor of [Computer Science](#)  
August 2023 - Present

[The George Washington University](#), Washington, DC USA

Ph.D. [Computer Science](#)  
September 2017 - May 2023

- Advisor: Professor Adam J. Aviv

Graduate Research Assistant, [Usable Security and Privacy Lab](#)  
September 2019 - May 2023

M.S. [Computer Science](#)  
September 2011 - January 2016

[Financial Industry Regulatory Authority](#), Rockville, MD USA

Senior Software Engineer ([on-site contractor](#))  
October 2016 - December 2021

[U.S. Department of Justice](#), Washington, DC USA

Senior Software Engineer ([on-site contractor](#))  
May 2009 - May 2015

[Union Pacific Railroad](#), Omaha, NE USA

Senior Software Engineer  
February 2006 - March 2009

[Northrop Grumman](#), Bellevue, NE USA

Software Engineer  
November 1999 - January 2006

[Motorola](#), Arlington Heights, IL USA

Software Engineer  
June 1997 - September 1999

[Iowa State University](#), Ames, IA USA

B.S. [Computer Engineering](#)  
September 1992 - May 1997

## PUBLICATIONS

1. Florian Farke, David G. Balash, Maximilian Golla, and Adam J. Aviv. [How Does Connecting Online Activities to Advertising Inferences Impact Privacy Perceptions?](#). Proceedings on Privacy Enhancing Technologies 2024 (PoPETs '24). Apr 2024.
2. David G. Balash, Rahel A. Fainchtein, Elena Korkes, Miles Grant, Micah Sherr, and Adam J. Aviv. [Educators' Perspectives of Using \(or Not Using\) Online Exam Proctoring](#). 32nd USENIX Security Symposium (USENIX Security '23). USENIX Association. Aug 2023.
3. David G. Balash, Xiaoyuan Wu, Miles Grant, Irwin Reyes, and Adam J. Aviv. [Security and Privacy Perceptions of Third-Party Application Access for Google Accounts](#). 31st USENIX Security Symposium (USENIX Security '22). Aug 2022.
4. David G. Balash, Dongkun Kim, Darika Shaibekova, Rahel A. Fainchtein, Micah Sherr, and Adam J. Aviv. [Examining the Examiners: Students' Privacy and Security Perceptions of Online Proctoring Services](#). 17th Symposium on Usable Security and Privacy (SOUPS '21). Aug 2021.
5. Florian Farke, David G. Balash, Maximilian Golla, Markus Dürmuth, and Adam J. Aviv. [Are Privacy Dashboards Good for End Users? Evaluating User Perceptions and Reactions to Google's My Activity](#). 30th USENIX Security Symposium (USENIX Security '21). USENIX Association. Aug 2021.

## POSTERS

6. David G. Balash, Mir Masood Ali, Monica Kodwani, Xiaoyuan Wu, Chris Kanich, and Adam J. Aviv. [Poster: Longitudinal Measurement of the Adoption Dynamics in Apple's Privacy Label Ecosystem](#). Proceedings of the 2023 ACM SIGSAC Conference on Computer and Communication (CCS '23). Association for Computing Machinery. Nov 2023.

## TEACHING EXPERIENCE

1. **Instructor:** Software Systems Development, CMSC 240. Fall 2023, Spring 2024 (UR)
2. **Instructor:** Computer Security, CMSC 334. Spring 2024 (UR)
3. **Instructor:** Algorithms and Data Structures, CSC 420. Spring 2022 (AU)
4. TA: Software Engineering, CSCI 2113. Fall 2021, Spring 2022 (GW)

## PROFESSIONAL SERVICE

- Committee Service
  - European Symposium on Usable Security Program Committee, 2023, 2024
  - USENIX Security Artifact Evaluation Committee, 2022, 2023, 2024
- External Reviewer
  - ACM CHI Conference on Human Factors in Computing Systems, 2023, 2024
  - ACM Conference On Computer-Supported Cooperative Work And Social Computing, 2023

## AWARDS AND HONORS

1. Design of Trustworthy AI and Future Work Systems NSF Research Traineeship PhD Fellow 2022/23  
Details on the fellowship program can be found here:  
<https://blogs.gwu.edu/designingtrustworthyaisystems/>

## PRESS COVERAGE

1. Summer Boot Camp Seeks to Kickstart New Research on Trustworthy Artificial Intelligence. Kristen Mitchell. GW Today. June 21, 2022. <https://gwtoday.gwu.edu/summer-boot-camp-seeks-kickstart-new-research-%E2%80%99-trustworthy%E2%80%99-artificial-intelligence>
2. “Transparent data collection increases trust among users.” Julia Weiler. Ruhr-Universität Bochum News. June 2, 2021. <https://news.rub.de/english/press-releases/2021-06-02-it-security-transparent-data-collection-increases-trust-among-users>
3. “New Study Examines Privacy and Security Perceptions of Online Education Proctoring Services.” Tim Pierce. GW Media. August 6, 2021. <https://mediarelations.gwu.edu/new-study-examines-privacy-and-security-perceptions-online-education-proctoring-services>

## PRESENTATIONS

1. Educators’ Perspectives of Using (or Not Using) Online Exam Proctoring. 32nd USENIX Security Symposium (USENIX Security ’23). August 11, 2023.
2. Security and Privacy Perceptions of Third-Party Application Access for Google Accounts. 31th USENIX Security Symposium (USENIX Security ’22). August 12, 2022.
3. Are Privacy Dashboards Good for End Users? Evaluating User Perceptions and Reactions to Google’s My Activity. 30th USENIX Security Symposium (USENIX Security ’21). August 11, 2021.
4. Examining the Examiners: Students’ Privacy and Security Perceptions of Online Proctoring Services. 17th Symposium on Usable Security and Privacy (SOUPS ’21). August 10, 2021.