

David G. Balash

CONTACT

INFORMATION

David G. Balash
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Bethesda, MD 20814, USA

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RESEARCH

INTERESTS

Usable Security and Privacy; Trustworthy Artificial Intelligence; Complex Systems

EDUCATION &

PROFESSIONAL

EXPERIENCE

The George Washington University, Washington, DC USA

Ph.D. student, **Computer Science**
September 2017 - expected May 2023
• Advisor: Professor Adam J. Aviv

Graduate Research Assistant, **Usable Security and Privacy Lab**
September 2019 - Present

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 Science
September 1992 - May 1997

CONFERENCE
PUBLICATIONS

(Peer Reviewed)

1. 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.
2. 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.
3. 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.

TEACHING
EXPERIENCE

1. Adjunct Instructor: Algorithms and Data Structures, CSC-420, Spring 2022. (American University)
2. Teaching Assistant: Software Engineering, CSCI 2113. Fall 2021, Spring 2022. (GW)

STUDENT
MENTORING

- Undergraduate
 - Kayla Berne (GW)
 - Daniel Fisher (GW)
 - Miles Grant (GW)
- Alumni
 - Dongkum Kim (Undergraduate 2021, GW)
 - Jinsuk Lee (Graduate, 2022, GW)
 - Darika Shaibekova (Undergraduate 2021, GW)
 - Xiaoyuan Wu (Undergraduate 2022, GW)

PROFESSIONAL
SERVICE

- Committee Service
 - ACM Conference On Computer-Supported Cooperative Work And Social Computing, 2023
 - USENIX Security Artifact Evaluation Committee, 2022
- Student Volunteer
 - Symposium on Usable Security and Privacy, 2020, 2021
- Service at GW
 - Data Privacy Committee 2022
 - President of the Graduate Computing Club (GCC), 2014, 2015

AWARDS AND
HONORS

1. Design of Trustworthy AI and Future Work Systems NSF Research Traineeship PhD Fellow 2022/2023. 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%98trustworthy%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. September 22, 2017. <https://mediarelations.gwu.edu/new-study-examines-privacy-and-security-perceptions-online-education-proctoring-services>

PRESENTATIONS

1. Security and Privacy Perceptions of Third-Party Application Access for Google Accounts. 31th USENIX Security Symposium (USENIX Security '22). August 12, 2022.
2. 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.
3. Examining the Examiners: Students' Privacy and Security Perceptions of Online Proctoring Services. 17th Symposium on Usable Security and Privacy (SOUPS '21). August 10, 2021.