

ANANTA SONEJI

Tempe, AZ

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EDUCATION

Doctor of Philosophy, Computer Science

Ira A. Fulton School of Engineering, Arizona State University

Advisor: [Dr. Adam Doupe](#)

Dissertation Title: *A Qualitative Exploration of Stakeholder Reactions to Systemic Changes in Cybersecurity*

Fall'19 - Spring'26

GPA: 4.00

Master of Computer Science

Ira A. Fulton School of Engineering, Arizona State University

2017 - 2019

GPA: 4.00

Bachelor of Technology in Information and Communication Technology

(Honors with Minor in Computational Science)

Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), India

2013 - 2017

GPA: 7.81/10

PEER-REVIEWED PUBLICATIONS

1. [“It’s almost like Frankenstein”: Investigating the Complexities of Scientific Collaboration and Privilege Management within Research Computing Infrastructures](#)
Souradip Nath*, **Ananta Soneji***, Jaejong Baek, Tiffany Bao, Adam Doupe, Carlos Rubio-Medrano, and Gail-Joon Ahn
In Proceedings of the 46th IEEE Symposium on Security and Privacy (Oakland), San Francisco, CA, May 2025
* Equal Contribution
2. [Investigating the Security & Privacy Risks from Unsanctioned Technology Use by Educators](#)
Easton Kelso, **Ananta Soneji**, Syed Zami-Ul-Haque Navid, Yan Shoshitaishvili, Sazzadur Rahaman, and Rakibul Hasan
In Extended Abstracts of the CHI Conference on Human Factors in Computing Systems (CHI EA '25), April 26–May 01, 2025, Yokohama, Japan.
3. [Trust, Because You Can’t Verify: Privacy and Security Hurdles in Education Technology Acquisition Practices](#)
Easton Kelso, **Ananta Soneji**, Sazzadur Rahaman, Yan Shoshitaishvili, and Rakibul Hasan
In Proceedings of the 2024 ACM SIGSAC Conference on Computer and Communications Security (CCS '24), October 14–18, 2024, Salt Lake City, UT, USA.
4. [“I feel physically safe but not politically safe”: Understanding the Digital Threats and Safety Practices of OnlyFans Creators](#)
Ananta Soneji, Vaughn Hamilton, Adam Doupe, Allison McDonald, and Elissa M. Redmiles
In 33rd USENIX Security Symposium (USENIX Security 24), Philadelphia, PA, August 2024
5. [“Watching over the shoulder of a professional”: Why hackers make mistakes and how they fix them](#)
Irina Ford, **Ananta Soneji**, Faris Bugra Kokulu, Jayakrishna Vadayath, Zion Leonahenahe Basque, Gaurav Vipat, Adam Doupe, Ruoyu Wang, Gail-Joon Ahn, Tiffany Bao, and Yan Shoshitaishvili
Proceedings of the 45th IEEE Symposium on Security and Privacy (Oakland), San Francisco, CA, May 2024
6. [“Nudes? Shouldn’t I charge for these?”: Motivations of New Sexual Content Creators on OnlyFans](#)
Honorable Mention (Top 5%)
Vaughn Hamilton, **Ananta Soneji**, Allison McDonald, and Elissa M. Redmiles
In Proceedings of the 2023 CHI conference on Human Factors in Computing Systems (CHI'23), April 23–28, 2023, Hamburg, Germany
7. [“Flawed, but like democracy we don’t have a better system”: The Experts’ Insights on the Peer Review Process of Evaluating Security Papers](#)
Ananta Soneji, Faris Bugra Kokulu, Carlos Rubio-Medrano, Tiffany Bao, Ruoyu Wang, Yan Shoshitaishvili, and Adam Doupe
Proceedings of the 43rd IEEE Symposium on Security and Privacy (Oakland), San Francisco, CA, May 2022
8. [Matched and Mismatched SOCs: A Qualitative Study on Security Operations Center Issues](#)
Faris Bugra Kokulu, **Ananta Soneji**, Tiffany Bao, Yan Shoshitaishvili, Ziming Zhao, Adam Doupe, and Gail-Joon Ahn
The 26th ACM Conference on Computer and Communications Security (CCS), London, UK, November, 2019

WORK EXPERIENCE

Graduate Research Assistant

Security Engineering for Future Computing lab (SEFCOM), ASU

May 2018 - Present

Tempe, AZ

- Leading research projects focused on **human-centered security and privacy, utilizing methods such as semi-structured interviews, focus groups, and surveys** to explore user behavior, attitudes, and security practices
- **Guiding undergraduate and graduate students through research processes**, fostering skill development, and providing academic advice
- Designing and **executing several full-cycle research projects**, including conducting extensive literature review, defining research goals and questions, designing the study plan for data collection and analysis, and reporting of results to stakeholders
- Synthesizing **research findings into actionable insights** and effectively **communicated research findings to diverse audiences** (conference talks) to encourage future research and drive engaging discussions
- Collaborating **cross-functionally with peers and mentors in cybersecurity, human-computer interaction (HCI), and user privacy** to design studies that address complex user needs
- Conducting **research in compliance with ethical standards** for human subjects, ensuring adherence to institutional guidelines and best practices for privacy and confidentiality.
- Continuously **expanded expertise in qualitative research methods**, study design, and data analysis tools, demonstrating a proactive approach to learning and adapting to new research challenges.

Applied ELSI Research Intern

Sage Bionetworks, Advisor: [Megan Doerr](#)

Jan 2023 - May 2023

Remote

- Selected to **evaluate the “health”** of data collection process for the All of Us research program (NIH)
- Led **interactive remote focus groups with program stakeholders to identify community sourced metrics** and derive novel evaluation criteria for development and testing
- Coded and **analyzed qualitative data using Delve** and shared insights through reports and presentations

Research Intern

Max Planck Institute for Software Systems, Advisor: [Dr. Elissa M. Redmiles](#)

Jan 2022 - April 2022

Saarbrücken, Germany

- Published **two top-tier conference papers** : 1) [the motivations of OnlyFans creators \(new to sex work\) to join the platform; create and share sexual content](#) and 2) [the digital threats and safety practices of OnlyFans creators](#)
- Analyzed and **identified major themes from interviews** with OnlyFans (a web-based social media platform) creators around their motivations, business models, online threat models, and safety strategies
- Developed a **Code System in MaxQDA** through an iterative open coding process

PROFESSIONAL SERVICE

Program Committee Member: [IEEE SecDev 2025](#), [USEC 2025](#), [CSET 2024](#), [CSET 2023](#)

Poster Jury: [SOUPS 2024](#), [SOUPS 2025](#)

External Reviewer: [CHI 2024](#)

Mentoring Junior Co-Chair: [SOUPS 2022](#)

TEACHING EXPERIENCE

- Teaching Assistant, CSE 365: Introduction to Information Assurance, ASU Fall 2021
- Teaching Assistant, CSE 110: Principle of Programming (Java), ASU Fall 2017

SCHOLARSHIPS & HONORS

- University Graduate Fellowship, ASU - 2025 (\$4500)
- Engineering Graduate Fellowship, ASU – 2025, 2020, 2019, and 2018 (\$5000)

SKILLS & SOFTWARE

- **Software Experience**: Qualtrics, Prolific, Miro
- **Qualitative Coding**: MaxQDA, Delve, Google Sheets (coding and analysis)
- **Programming Skills**: C/C++, Python, R, MATLAB