Arjun Arunasalam

✉ aarunasa@purdue.edu
🌐 https://arjunaru97.github.io/
in https://www.linkedin.com/in/arjun-arunasalam-93701414a/

Summary

I am a 3rd year Ph.D. student at Purdue University advised by Professor Berkay Celik. My research interest broadly lie in human-centered security & privacy. I use mixed-method approaches within computational social science to study online tech including social media, content-hosting spaces such as YouTube and marketplace platforms. Currently, my focus centers on understanding how these technologies are abused and their effects on the broad public and at-risk/vulnerable populations.

Education

2020 – Current	**Graduate Student Researcher (Ph.D. Program)** at Purdue University. Focus on human-centered security & privacy
2016 – 2020	**B.SE. Computer Engineering** at University of Michigan. Graduated Summa Cum Laude (3.77/4.00)

Experience

May 2019 – March 2020	**Research Intern,** IBM Research. ▶ Worked on security analytics for microservice/container-based applications in cloud services. ▶ Developed RESTful APIs and user interfaces to streamline automated remediation of vulnerable applications.
Fall 2020, Summer 2021, Fall 2022	**Teaching Assistant, Programming w/ Multimedia Object**, Purdue University. ▶ Taught students introductory core CS concepts while leading recitation sections.

Research Publications

†Denotes equal contribution

1. Chu†, A., Arunasalam†, A., Ozmen, M. O., & Celik, Z. B. (2022). Behind the tube: Exploitative monetization of content on YouTube. In *Usenix security symposium*.

Service

External Reviewer	IEEE SP 2023

Skills

Coding Languages	C++, Python, C, Golang, MATLAB
Tech	Docker, Git, RESTful APIs