

Arjun Arunasalam

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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