

# Chris Tsoukaladelis

<https://tsoukaladelis.xyz>

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## About Me

I'm currently a PhD candidate at Stony Brook University, where I work with Prof. Nick Nikiforakis in the PragSec lab. I am looking for opportunities to apply my computer and network security knowledge, and tackle exciting security problems. I am passionate about cybersecurity, privacy, anonymity and freedom on the web.

## Education

<b>Stony Brook University</b> <i>PhD Candidate, Computer Science</i>	2021 - Present
<b>Stony Brook University</b> <i>MSc, Computer Science</i>	08/2021 - 08/2023
<b>University of Patras</b> <i>Diploma (BSc+MSc equivalent) in electrical and computer engineering</i>	09/2014 - 08/2020

## Experience

<b>Bytedance Ltd.</b> <i>SWE Research Intern - Networks/SDN Team</i>	05/2025 - 08/2025
<b>Stony Brook University</b> <i>Research Assistant - PragSec lab</i>	08/2021 - Present
<b>University of Patras</b> <i>Research Assistant - Computer Systems lab</i>	01/2017 - 08/2020
<b>Datawise Data Engineering LLC</b> <i>DevOps, Security Consultant</i>	01/2018 - 08/2020

• Part of the Bytelab team. Research in optimization of large-scale network emulation frameworks. Development of SDN software control system to automate scheduling/management of network resources, as well as improve incident response times, availability.

• Research in web security, in the context of supply-chain hardening but also in online information. Also research in software debloating and attacking/defending web archiving services.

• Research in malware analysis, end-to-end framework that evaluates software binaries. Participated in various CTF competitions.

• Threat modeling, providing secure solutions for corporate products. Notable projects include a POS system for SMBs, a video conferencing platform, secure database indexing for the Acropolis museum.

## Publications

- **The Power to Never Be Wrong: Evasions and Anachronistic Attacks Against Web Archives**
  - Conference on Computer and Communications Security (ACM CCS 2025)
  - **CSAW 2025 Applied Research Competition - Finalist**
- **Uncontained Danger: Quantifying Remote Dependencies in Containerized Applications**
  - Research in Attacks, Intrusions and Defenses 2025 (RAID 2025)
- **The Times, They Are A-Changin': Characterizing Post-Publication Changes to Online News**
  - **CSAW 2024 Applied Research Competition - 2nd Place**
  - IEEE Symposium on Security and Privacy 2024 (IEEE S&P 2024)
- **Manufactured Narratives: On the Potential of Manipulating Social Media to Politicize World Events**
  - **SecWeb 2024 - Best Paper Award**
  - IEEE Symposium on Security and Privacy Workshops 2024 (IEEE S&PW 2024)
- **AnimateDead: Debloating Web Applications Using Concolic Execution**
  - Usenix Security 2023 (USENIX 2023)