

Chris Tsoukaladelis

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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 privacy, anonymity and freedom on the web.

Education

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

Experience

Bytedance Ltd. <i>SWE Research Intern - Networks/SDN Team</i>	2025
<ul style="list-style-type: none">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.	
Stony Brook University <i>Research Assistant - PragSec lab</i>	2021 - Present
<ul style="list-style-type: none">Research in web integrity, in the context of supply-chain hardening but also in online information. Also research in software debloating and attacking/defending web archiving services.	
University of Patras <i>Research Assistant - Computer Systems lab</i>	2017 - 2020
<ul style="list-style-type: none">Research in malware analysis, end-to-end framework that evaluates software binaries.	
Datawise Data Engineering LLC <i>DevOps, Security Consultant</i>	2018 - 2020
<ul style="list-style-type: none">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)
- **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)