

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. My main areas of interest is web integrity and transparency, and orthogonally I do research on system isolation-based security and web application debloating. I am passionate about privacy, anonymity and freedom on the web.

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**
IEEE Symposium on Security and Privacy 2024 (IEEE S&P 2024)
- **Manufactured Narratives: On the Potential of Manipulating Social Media to Politicize World Events**
IEEE Symposium on Security and Privacy Workshops 2024 (IEEE S&PW 2024)
- **AnimateDead: Debloating Web Applications Using Concolic Execution**
Usenix Security 2023 (USENIX 2023)

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> <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.	2025
Stony Brook University <i>Research Assistant - PragSec lab</i> <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.	2021 - Present
University of Patras <i>Research Assistant - Computer Systems lab</i> <ul style="list-style-type: none">• Research in malware analysis, end-to-end framework that evaluates software binaries.	2017 - 2020
Datawise Data Engineering LLC <i>DevOps, Security Consultant</i> <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.	2018 - 2020

Awards

- **SecWeb 2024 - Best Paper Award**
- **CSAW 2024 Applied Research Competition - 2nd Place**