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 Times, They Are A-Changin': Characterizing Post-Publication Changes to Online News**
  (To appear) IEEE Symposium on Security and Privacy 2024
- **AnimateDead: Debloating Web Applications Using Concolic Execution**
  Usenix Security 2023

Education

Stony Brook University	2021 - Present
PhD Candidate	
University of Patras	2014 - 2020
Engineer's Degree (BS+MS equivalent) in electrical and computer engineering	

Experience

Stony Brook University	2021 - Present
Research Assistant	

- **PragSec lab:** My main focus is on web content integrity
  and transparency. Orthogonally, I have worked on web application
  debloating and other areas of web security.

Virginia Commonwealth University	2020 - 2021
Research Assistant	

- **MHRG lab:** I developed techniques for both intrusion detection,
  as well as penetration of SCADA systems.

University of Patras	2017 - 2020
Research Assistant	

- **Computer Systems lab:** I worked on developing and
  maintaining a malware detection and classification platform.
  I also participated in various online capture the flag (CtF)
  competitions.

Datawise Data Engineering LLC	2018 - 2020
DevOps, Security Consultant	

- **Security Consultant:** I was a consultant for various security
  decisions made in the handling of sensitive data, ranging from
  credit card information to ancient artifacts from the Acropolis
  museum.

Skills

- Programming - C, x86 ASM, PHP, Javascript, Bash, Python
- System administration - Linux, openBSD
- Web application debloating, sandboxing
- Browser automation
- Bot automation & analysis of anti-bot mechanisms
- Data Analysis - R, Machine Learning