

# Chris Tsoukaladelis

<https://tsoukaladelis.xyz>  
ctsoukaladel@cs.stonybrook.edu

## 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

---

<b>Stony Brook University</b> <i>PhD Candidate</i>	2021 - Present
<b>Virginia Commonwealth University</b> <i>Research Assistant</i>	2020
<b>University of Patras</b> <i>Engineer's Degree (BS+MS equivalent) in electrical and computer engineering</i>	2014 - 2020

## Experience

---

<b>Stony Brook University</b> <i>Research Assistant</i>	2021 - Present
<ul style="list-style-type: none"><li>○ <b>PragSec lab:</b> My main focus is on web content integrity and transparency. Orthogonally, I have worked on web application debloating and other areas of web security.</li></ul>	
<b>Virginia Commonwealth University</b> <i>Research Assistant</i>	2020
<ul style="list-style-type: none"><li>○ <b>MHRG lab:</b> I developed techniques for both intrusion detection, as well as penetration of SCADA systems.</li></ul>	
<b>University of Patras</b> <i>Research Assistant</i>	2017 - 2020
<ul style="list-style-type: none"><li>○ <b>Computer Systems lab:</b> I worked on developing and maintaining a malware detection and classification platform. I also participated in various online capture the flag (CtF) competitions.</li></ul>	
<b>Datawise Data Engineering LLC</b> <i>DevOps, Security Consultant</i>	2018 - 2020
<ul style="list-style-type: none"><li>○ <b>Security Consultant:</b> 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.</li></ul>	

## 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