Christos Tsoukaladelis

https://tsoukaladelis.xyz
tsoukchris@gmail.com

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 area of interest is web content integrity and transparency.

Education

Stony Brook University   2021 - Present
PhD Candidate

Virginia Commonwealth University   2020
Research Assistant

University of Patras   2014 - 2020
Ptychion (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.

Stony Brook University   2022 - 2023
Teaching Assistant

- **Courses:** I have taught various rotations of a research course for undergraduate women in STEM, on the subject of Honeypots and Intrusion Detection.

Virginia Commonwealth University   2020
Research Assistant

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

Virginia Commonwealth University   2020

Teaching Assistant

- **Courses:** I was a teaching assistant for Artificial Intelligence,
  Where I graded homeworks and gave guest lectures.

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

- **Datawise Snapserve:** I performed DevOps services for a
  POS system, producing both secure android applications as
  well as assisting with data security.
- **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

- Advanced knowledge of network protocols, architecture of computer
  and network systems, computer and network security protocols, and algorithms.
- Advanced knowledge of the Linux and OpenBSD operating systems.
- Advanced knowledge of the C, x86 ASM programming languages
  and knowledge of Python and bash languages for scripting purposes.
- Database administration for MySQL and PostgreSQL.