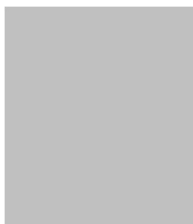


INFORMAZIONI PERSONALI

Cristian Assaiante


ESPERIENZA
PROFESSIONALE

[Inserire separatamente le esperienze professionali svolte iniziando dalla più recente.]

Nov. 2021 - present	Phd student, Engineering in Computer Science <i>Sapienza University of Rome, Italy</i> Advisor: Prof. Leonardo Querzoni
Jan. 2020 - present	Organizer and Training Coordinator, CyberChallenge.iT <i>Sapienza University of Rome, Italy</i>
Mar. 2021 - May 2021	Training Coordinator and Challenges Author, Olicyber.iT

ISTRUZIONE E FORMAZIONE

[Inserire separatamente i corsi frequentati iniziando da quelli più recenti.]

Sep. 2019 - Oct. 2021	M.Sc., ENGINEERING IN COMPUTER SCIENCE (in English) <i>Sapienza University of Rome, Italy</i> Final grade: 110/110 with honors (<i>summa cum laude</i>) Thesis: A Study of the Completeness of Debug Symbols in Optimizing Compilers
Sep. 2016 - Jul. 2019	B.Sc., COMPUTER AND CONTROL ENGINEERING <i>Sapienza University of Rome, Italy</i> Final grade: 110/110 with honors (<i>summa cum laude</i>) Thesis: A Micro-Architectural Red Pill

COMPETENZE PERSONALI

[Rimuovere i campi non compilati.]

Lingua madre ITALIANO

Altre lingue

INGLESE

COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
Ascolto	Lettura	Interazione	Produzione orale	
B2	B2	B2	B2	B2

Sostituire con il nome del certificato di lingua acquisito. Inserire il livello, se conosciuto

Livelli: A1/A2: Utente base - B1/B2: Utente intermedio - C1/C2: Utente avanzato
[Quadro Comune Europeo di Riferimento delle Lingue](#)

ULTERIORI INFORMAZIONI

Pubblicazioni
 Presentazioni
 Progetti
 Conferenze
 Seminari
 Riconoscimenti e premi
 Appartenenza a gruppi /
 associazioni
 Referenze
 Menzioni
 Corsi
 Certificazioni

RESEARCH INTERESTS

My research interests spans over several aspects of software and system security with the main focus being software testing. So far, my works are about bug finding in compiler infrastructures and optimizations pressure over software debuggability. I am passionate about compilers optimizations, program analysis techniques applied to malware analysis, operating systems and micro-architectural attacks.

TEACHING

- 2023 Adjunct Professor for Sistemi di Calcolo (3CFU module) course (Spring 2023), Sapienza University of Rome.
- 2022 Teaching Assistant for Sistemi di Calcolo course (Spring 2022), Sapienza University of Rome.

SERVICE

- Conferences and Workshops
- 2022 Shadow Program Committee member for EuroSys'23 - 18th European Conference on Computer Systems.
- Artifact Evaluation Committee member for EuroSys'23 - 18th European Conference on Computer Systems.
- Journals
- 2023 Reviewer for Computers & Security (COSE).
- Reviewer for SoftwareX (SOFTX).

PUBLICATIONS

- Conferences and Workshops
- 2023 C. Assaiante, D. C. D'Elia, G. A. Di Luna, L. Querzoni. Where Did My Variable Go? Poking Holes in Incomplete Debug Information. To appear in Proceedings of the 28th ACM International Conference on Architectural Support for Programming Languages and Operating Systems (ASPLOS '23). [CORE21 RANK: A*.]

HONORS AND AWARDS

- 2023 winner with mhackeroni, HACK-A-SAT 4 CTF Finals, Las Vegas, USA
- 2022 winner, BLACKHAT ASIA cybersecurity conference Student Scholarship, Singapore
- 2021 winner, 42ND IEEE SYMPOSIUM ON SECURITY AND PRIVACY conference Student Travel Grant Award, Online
- awarded, M.Sc. in Engineering in Computer Science Honors Program, Rome, Italy
- 1st place with TheRomanXploit, CSAW '21 Embedded Cybersecurity Challenge Finals, Online
- 2020 1st prize, 15TH CLUSIT thesis prize to A Micro-Architectural Red Pill, Online
- winner, BLACKHAT EU cybersecurity conference Student Scholarship, Online
- 1st place with TheRomanXploit, CSAW '20 Embedded Cybersecurity Challenge Finals, Online
- 2019 5th place with mhackeroni, DEFCON 27 CTF Finals, Las Vegas, USA
- awarded, B.Sc. in Computer and Control Engineering Honors Program, Rome, Italy

- 1st place with TheRomanXploit, CSAW '19 Embedded Cybersecurity Challenge Finals, Valence, France
- FUNDINGS
- 2022 Ph.D. starting grant for the project: Practical Control-Flow Integrity for Software Security

ALLEGATI

Dati personali

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".