Daniele Pusceddu

EDUCATION

- **ETH Zurich**   Zurich, Switzerland
  Master of Science in Computer Science   *Sept 2023 – Present*

- **Università degli Studi di Cagliari**   Cagliari, Italy
  Bachelor of Science in Computer Science; Grade: 110 cum laude   *Sept 2020 – July 2023*

PUBLICATIONS

- **Formalizing Automated Market Makers in the Lean 4 Theorem Prover**   Luxembourg
  Workshop on Formal Methods for Blockchains (FMBC), OASIcs Volume 118   *April 2024*

EXPERIENCE

- **CINI Consorzio Interuniversitario Nazionale per l'Informatica**   Rome, Italy
  OliCyber.IT 2022 Teacher   *Mar 2021 - Jun 2021*
    - **Q&A Sessions**: Tutored the students on all of the course's subjects.
    - **CTF Challenges**: Designed and implemented practical binary exploitation challenges for the students.

  OliCyber.IT 2021 Software Security Teacher   *Mar 2021 - Jun 2021*
    - **Lessons**: Taught practical Binary Exploitation to a group of 28 talented high school students selected from all over Italy to compete in the first edition of the Italian Cybersecurity Olympics.

PROJECTS

- **Srdnlen**   Cagliari, Italy
  CTF Team Member   *July 2019 – Sept 2022*
    - **CTF Competitions**: Pentesting games, focused on reverse engineering and binary exploitation challenges.
    - **CyberChallenge.IT**: Tutored students and developed many binary exploitation challenges, as well as infrastructure to run them, for the local CyberChallenge.IT course.