

# Elia Innocenti

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## Summary

Passionate about addressing complex digital security challenges, with interests in system and network security, cryptography, threat detection and intelligence, ethical hacking, security monitoring, and strategic use of threat information and analytics.

During my academic journey I've completed a variety of hands-on projects, each of which can be found on my  [Github](#).

## Education

- MEng Politecnico di Torino, [Cybersecurity Engineering](#)** Sept 2024 - Present
- Main courses: *Information System Security, Machine Learning for Networking, Cryptography, Hardware and Wireless Security*
- BEng Università degli Studi di Firenze, [Computer Engineering](#)** Sept 2021 - Sept 2024
- Main courses: *Mathematical Analysis, Linear Algebra, Physics, Calculus, Software Engineering, Artificial Intelligence, Discrete Mathematics and Coding Theory*
  - **Thesis:** "Object detection for landmark recognition in smart tourism applications" (*Topics: Computer Vision, Deep Learning, Edge Computing*)

## Experience

- Mu Nu Chapter of IEEE-Eta Kappa Nu**, Member of Logistics and Fundraising Apr 2025 - Present
- Orchestrated end-to-end logistics for STEM events and IT hackathons
  - Cultivated and managed partnerships with tech companies and keynote speakers
  - Managed event materials, promotions, and ticketing processes

## Licenses and Certifications

- GNU / Linux Advanced** Jan 2025  
Politecnico di Torino
- Certificate in English B2 First (FCE)** Mar 2021  
Cambridge University Press & Assessment

## Skills and Technologies

- Programming & Markup Languages:** C/C++, Python, Java, SQL, LaTeX, Markdown, Bash/Shell
- Technologies:** OS X, Linux, Jupyter Notebook, Git, Github, Docker
- Soft Skills:** Problem Solving, Team Collaboration, Analytical Thinking, Continuous Learning

## Languages

- Italian:** Native proficiency
- English:** Professional working proficiency