

Elia Innocenti

👤 August 20, 2002 📞 +39 334 229 8865 ✉ elia.innocenti@icloud.com 📍 Turin, Italy in eliainnocenti

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. Music lover and outdoor enthusiast, with a keen interest in hiking and alpinism.

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
- Local Summer Camps**, Volunteer Youth Leader and Educator Oct 2015 - Jul 2024
- Led the planning and logistics of annual summer camps
 - Coordinated daily schedules, task assignments, and material preparation
 - Mentored junior youth leaders in activity planning and group coordination

Licenses and Certifications

- GNU / Linux Advanced** May 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:** Analytical Thinking, Problem Solving, Teamwork and Collaboration, Communication, Continuous Learning, Organizational skills, Leadership

Languages

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

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I hereby express my consent to process and use my data provided in this CV and application for recruiting purposes.