

Edoardo Ottavianelli

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EXPERIENCE

- **Bugcrowd** Full Remote
Security Researcher Nov. 2021 - Present
 - **bugcrowd.com/edoardottt**: Discovered over 200 security vulnerabilities in high-profile companies and U.S. Government services, with a focus on web applications. Winner of the CISA Raffle.
- **SeismoCloud** Rome, Italy
Software Developer Mar. 2020 - Oct. 2020
 - **SeismoCloud EUD system**: Created user-friendly End User Development system (Docker, NodeJS) to enable non-technical users to automate actions such as sending Telegram/Email messages, and posting tweets through IoT devices data.
 - **API development**: Resolved issues with the SeismoCloud Rest API (Golang) system providing information on Sensors signalings, devices and users' data, as well as associated statistics.

EDUCATION

- **Sapienza University** Rome, Italy
Master Degree in Cybersecurity Oct. 2020 - May 2023
- **Sapienza University** Rome, Italy
Bachelor Degree in Computer Science; 103/110 Sept. 2016 - Oct. 2020
- **Fabio Besta Scientific High School** Orte, Italy
Scientific High School Diploma; 71/100 Sept. 2011 - July 2016

TECHNICAL SKILLS

- Software Development and Security, Web application and Network Penetration Testing
- **Languages**: Python, Go, Bash, Java, HTML, SQL, Javascript.
- **Technologies**: Linux, Windows, VS Code, Git, BurpSuite, Docker, Postman.

Moreover, advanced knowledge of networks and networking protocols.

PERSONAL PROJECTS

- **scilla**: Information Gathering tool - DNS / Subdomains / Ports / Directories enumeration
- **cariddi**: Take a list of domains, crawl urls and scan for endpoints, secrets, api keys, file extensions, tokens and more...
- **csprecon**: Discover new target domains using Content Security Policy.
- **lit-bb-hack-tools**: Little Bug Bounty and Hacking Tools.
- **Other 40+ repositories on GitHub**: github.com/edoardottt

AWARDS - CERTIFICATIONS - LICENSES

- **eJPT by eLearnSecurity**
Certified Junior Penetration Tester
<https://elearnsecurity.com/product/ejpt-certification/>
- **Class B European Driving License**

SECURITY ADVISORIES

- CVE-2022-44019 In Total.js 4 before 0e5ace7, /api/common/ping can achieve remote command execution via shell metacharacters in the host parameter.
- CVE-2022-41392 A cross-site scripting (XSS) vulnerability in TotalJS commit 8c2c8909 allows attackers to execute arbitrary web scripts or HTML via a crafted payload injected into the Website name text field under Main Settings.

LANGUAGES

- **Italian:** Native speaking.
- **English:** Middle-level speaking.

SCIENTIFIC PAPERS

- **Simplify Node-RED for End User Development in SeismoCloud**
Enrico Bassetti, Edoardo Ottavianelli, Emanuele Panizzi
<https://arxiv.org/pdf/2012.05637.pdf>