

# Edoardo Ottavianelli

[edoardoottavianelli.it](http://edoardoottavianelli.it)

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## EDUCATION

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- **Sapienza University** Rome, Italy  
*Master Degree in Cybersecurity* *Oct. 2020 – Present*
- **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*

## EXPERIENCE

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- **Bugcrowd** Remote  
*Security Researcher* *Nov. 2021 - Present*
  - **bugcrowd.com/edoardottt**: Reported more than 150 vulnerabilities on top level companies and U.S. Government services. Mostly interested in Web applications. One of the winner of CISA Raffle.
- **SeismoCloud** Rome, Italy  
*Software Developer* *Mar. 2020 - Oct. 2020*
  - **SeismoCloud EUD system**: Developed the SeismoCloud End User Development system using Docker, Javascript and NodeRED. Even non-skilled users are able to create programmed actions using their IoT devices data, like send Telegram/Email messages or post automatic tweets when some user-defined conditions are triggered).
  - **API development**: Fixed some issues in SeismoCloud Rest API system. These APIs return information about sensors signalings, devices and users' data and various statistics.

## TECHNICAL SKILLS

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

Moreover, advanced knowledge of networks and networking protocols.

## PERSONAL PROJECTS

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- **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...
- **lit-bb-hack-tools**: Little Bug Bounty and Hacking Tools.
- **twitterbot2**: Like and retweet your tweets, or search tweets by topic. It stores and serves data with a Flask webapp.
- **Other 40+ repositories on GitHub**: [github.com/edoardottt](https://github.com/edoardottt)

## AWARDS - CERTIFICATIONS - LICENSES

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

## SECURITY ADVISORIES

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- 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

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

## SCIENTIFIC PAPERS

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