

Gabriel Cruz

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github.com/gmelodie • gmcruz.me

EDUCATION

B.S. IN COMPUTER SCIENCE

UNIVERSITY OF SÃO PAULO | ICMC
Feb 2016 - Feb 2021 | Brazil

INTERNATIONAL EXCHANGE

UNIV. DE BRETAGNE OCCIDENTALE
Jan 2020 - Jun 2020 | France

LINKS

Hackthebox:// [gmelodie](#)
Dev.to:// [gmelodie](#)
Twitter:// [@gmelodiecruz](#)
Medium:// [@gmelodie](#)

LANGUAGES

Portuguese (native)
English (TOEFL iBT 107/120)
French (DELFB2)

SKILLS

PROGRAMMING LANGUAGES

Python • C • Shell Scripting
Go • Elixir • C++ • Assembly

TECHNOLOGIES

Linux/Unix • Git • Vim/Neovim
GitHub Pages • Heroku
GraphQL • Flask • FastAPI
GitHub Actions • TravisCI
GCP • Digital Ocean

PROFESSIONAL EXPERIENCE

PENTESTING WITH KALI (OSCP) | [OFFENSIVE SECURITY](#)

Jun 2021 - Present | Remote

- Currently pursuing the OSCP certification
- Learned about Active Directory exploitation, Buffer Overflow development, Service Enumeration, Lateral Movement and Privilege Escalation techniques

OPEN SOURCE DEVELOPER LEAD | [MAJOR LEAGUE HACKING](#)

Jun 2020 - Present | Remote

- Mentored over 50 Open Source fellows on the MLH Fellowship program
- Worked with the maintainers of Amplify, Flask, Beego, HTTPie and others
- Instituted the [Fellowship Capture the Flag](#) security competition

PRIVACY COMPLIANCE CONSULTANT | [GANESH SECURITY](#)

Jun 2020 - Oct 2020 | Remote

- Penetration Tester consultant in partnership with a law firm
- Implemented LGPD (similar to GDPR) policies in several different companies
- Conducted security assessments and produced vulnerability reports

SECURITY RESEARCHER | [UNIV. DE BRETAGNE OCCIDENTALE](#)

Jan 2020 - Jun 2020 | Brest, France

- International exchange cybersecurity research on Social Engineering Attacks
- Developed a fully-fledged framework for social engineering assessments
- Collaborated with over 30 other international students to test project

NETWORK SECURITY GROUP LEAD | [GANESH SECURITY](#)

Jan 2019 - Jun 2020 | São Carlos, Brazil

- First member to become a group lead in 3 months
- Authored more than 30 talks on security topics to 50 veteran members
- Orchestrated more than 15 Capture The Flag challenges on computer networking security (protocols, WiFi, handshakes, etc.) for 150 new members

PROJECTS

SECURITY WORKSHOP LEAD | [SLIDES](#) • [NOTES](#)

- Gave a course on DoS attacks for more than 50 people at the biggest computer science undergraduate event of Brazil: Semcomp
- Covered amplification techniques, Authentication and Authorization, Peer-to-Peer Networks, TCP and UDP Flooding, etc

IPV6 WORKSHOP MENTOR | [SLIDES](#), • [NOTES](#)

- Trained more than 30 students at University of São Paulo on IPv6
- Simulated realistic scenarios and developed practical exercises
- Covered history of the protocol, public and private addresses, as well as unicast and multicast mechanisms

AWARDS & DISTINCTIONS

2021	1 st /27 nation-wide	MandaByte CTF
2020	1 st /30	MLH Halfway Hackathon : Best Portfolio Project
2019	2 nd /1000	Fireshell CTF
2019	3 rd /30	Interhacks