

# Gabriel Cruz

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## EDUCATION

### PENTESTING WITH KALI (PWK)

OFFENSIVE SECURITY | OSCP

Jun 2021 - Present | Remote

### 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

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

## WORK EXPERIENCE

### TECH LEAD | MAJOR LEAGUE HACKING

Sep 2020 - Present | Remote

- Mentored over 50 fellows since the second batch of the MLH Fellowship
- Taught about Git, GitHub, CI/CD and much more
- Motivated fellows, provided feedback and helped on challenging issues

### OPEN SOURCE DEVELOPER | MAJOR LEAGUE HACKING

Jun 2020 - Aug 2020 | Remote

- Selected over 20,000 other candidates to be sponsored by GitHub Education
- Worked with the maintainers of Flask, Golang, Wekzeug, Beego and HTTPie
- Instituted the Fellowship Capture the Flag security competition for fellows

### INVITED 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 - June 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

### SOFTWARE ENGINEERING TRAINEE | QUERO EDUCATION

Jul 2018 | São José dos Campos, Brazil

- Outperformed over 100 other candidates
- Engineered a real-time data visualization application using Phoenix
- Deployed a dashboard seen daily by more than 400 employees

## 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

### FELLOWSHIP WRAPPED | GITHUB REPO

- Automatic GitHub portfolio generator for the MLH Fellowship
- Designed and implemented the back-end interface using Golang
- Implemented user data fetching through GitHub's GraphQL API
- Configured CI/CD using GitHub Actions

## AWARDS & DISTINCTIONS

2020	1 <sup>st</sup> /30	MLH Halfway Hackathon: Best Portfolio Project
2019	2 <sup>nd</sup> /1000	Fireshell CTF
2019	3 <sup>rd</sup> /30	Interhacks