

GABRIEL CRUZ

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EDUCATION

University of São Paulo ICMC BS Computer Science	Brazil Feb 2016 - Feb 2021
Université de Bretagne Occidentale International Exchange Student	France Jan 2020 - Jun 2020
Cisco Certified Network Associate (CCNA) Routing and Switching	Remote Jul 2023 - Nov 2023

EXPERIENCE

Protocol Labs <i>Software Engineer</i>	Remote Feb 2022 - Present
<ul style="list-style-type: none">Developed and maintained Estuary, a Golang tool to push files into the Filecoin networkAuthored and reviewed several PRs on over 10 different Open Source projects along with other 15 developers on the teamWrote API and functionality integrations between the Filecoin Indexer and Estuary	
Major League Hacking <i>Software Engineering Lead</i>	Remote Oct 2020 - Feb 2022
<ul style="list-style-type: none">Mentored over 50 Open Source fellows on the MLH fellowship programWorked with the maintainers of Amplify, Flask, Beego, HTTPie and others	
Major League Hacking <i>Software Engineer</i>	Remote Jun 2020 - Oct 2020
<ul style="list-style-type: none">Selected among over 20,000 candidates to be a Software Engineer at the Open Source MLH Fellowship programWorked on Python and Golang projects using Github Actions and DockerInstituted the Fellowship Capture the Flag security competition	
Ganesh Security <i>Privacy Compliance Consultant</i>	Remote Jun 2020 - Oct 2020
<ul style="list-style-type: none">Penetration Tester consultant in partnership with a law firm to implement and secure data privacy policiesImplemented LGPD (similar to GDPR) policies in several different companiesConducted security assessments and produced vulnerability reports	
Université de Bretagne Occidentale <i>Phishing Cybersecurity Researcher</i>	Brest, France Jan 2020 - Jun 2020
<ul style="list-style-type: none">International exchange cybersecurity research on Social Engineering AttacksDeveloped a fully-fledged framework for social engineering assessmentsCollaborated with over 30 other international students to test the project	

PROJECTS

Security Workshop Lead	gmelodie.com/docs/dos-slides.pdf
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 Instructor	gmelodie.com/docs/ipv6-slides.pdf
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.	

SKILLS

Programming Languages:	Python, C/C++, Golang, Rust, Shell scripting, Elixir
Technologies:	Linux/Unix, Git, IPFS, Flask, Docker, Github Actions, Digital Ocean
Natural Languages:	Portuguese (native), English (TOEFL iBT 107/120), French (DELFL B2)