

# GABRIEL CRUZ

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## EDUCATION

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

## EXPERIENCE

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

## PROJECTS

<b>CruzOS</b> Built my own Operating System from scratch using Rust. Implemented interrupt handlers, memory allocation, and communication with peripherals such as VGA and keyboard.	<a href="https://github.com/gmelodie/cruzos">github.com/gmelodie/cruzos</a>
<b>Nesquic</b> Implemented a Rust version of the popular networking tool Netcat that supports creating QUIC connections instead of TCP and UDP raw sockets.	<a href="https://github.com/gmelodie/nesquic">github.com/gmelodie/nesquic</a>

## SKILLS

<b>Programming Languages:</b>	Python, C/C++, Golang, Rust, Shell scripting, Elixir
<b>Technologies:</b>	Linux/Unix, Git, IPFS, Flask, Docker, Github Actions, Digital Ocean
<b>Natural Languages:</b>	Portuguese (native), English (TOEFL iBT 107/120), French (DELFB2)