

## Address

Brazil  
Sao paulo / Sao paulo

# Antonio Costa

## Systems Analyst

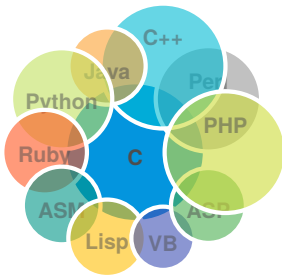
## Mail

coolerlair@gmail.com

## Git

github.com/CoolerVoid

## Programming



## Personal Skills



## Experience

2012-2018 **Pentester / Research / Programmer**

[CONVISO application security](#)

Penetration Test on Network, System, Web and WiFi. Vulnerability Assessment with automated and manual approach Basis of Bug Hunting through reverse engineering, tests or code review. Mitigating and preventing any threat spread, patch for any source code.

2006-2011 **Full stack programmer**

[Freelancer](#)

Software Developer in ASM, C, C++, Perl, PHP and javascript for systems like e-commerce, CMS, PoS, web robots, IDS... Programming embedded systems with AVR, ARM and PIC...

## Projects

**0d1n web application bruteforcer**

[Open Source](#)

0d1n is a Open Source web application bruteforcer and Fuzzer. If your objective is automate exhaustive tests and search for anomalies (read vulnerabilities) 0d1n can increase your productivity following web parameters, files, directories, forms and other things. <https://github.com/CoolerVoid/0d1n>

**Raptor WAF**

[Open Source](#)

Raptor is a Web application firewall made in C language, uses Horspool, karp-rabin or DFA to match and block SQL injection, Cross site scripting and path traversal attacks. [https://github.com/CoolerVoid/raptor\\_waf](https://github.com/CoolerVoid/raptor_waf)

**strcmp SSE42**

[Open Source](#)

strcmp() function implementation with intel's SSE 4.2 instruction. [https://github.com/CoolerVoid/cooler\\_sse42\\_strcmp](https://github.com/CoolerVoid/cooler_sse42_strcmp)

**OptionsCat**

[Open Source](#)

OptionsCat is a web server in C language using mongoose with web sockets(wss), have functions like european options tool, compound calc, finance manager for traders... uses the Black-Scholes model for calculating the premium of an option. <https://github.com/CoolerVoid/optionscat>

**Lib fast K-nn**

[Open Source](#)

C++ library of k-nearest neighbors algorithm (k-NN), faster because uses Armadillo lib, in k-NN classification, the output is a class membership. An object is classified by a majority vote of its neighbors, with the object being assigned to the class most common among its k nearest neighbors (k is a positive integer, typically small). If k = 1, then the object is simply assigned to the class of that single nearest neighbor. [https://github.com/CoolerVoid/libfast\\_knn](https://github.com/CoolerVoid/libfast_knn)

**Nozes**

[Open Source](#)

Nozes is a Pentest cmd manager. You can automate and save your pentest attacks in one click. Uses PHP with SQLite at background... look that following <https://github.com/CoolerVoid/nozes>

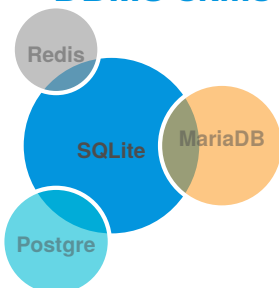
## OS Preference

GNU/Linux ★★★★★  
Unix ★★★★★  
MacOS ★★★★★  
Windows ★★★★★  
OpenBSD ★★★★★

## Languages

Portuguese ★★★★★  
English ★★★★★  
Spanish ★★★★★

## DBMS skills



## Red Team skills / APT

UAC bypass  
DACL evasion  
Bypass firewalls  
Bypass AV  
Simulate DoS threat  
API Hookings  
RootKit  
Persistence  
Screenlogger  
Keylogger  
Phishing  
Pharming  
Drop spread  
Packing

NOTE:  
All techniques here, i  
do not use external  
tool, i write each  
from the scratch in C  
and C++.

## Honors & Awards

- |      |                                                                    |                                                                                                                                   |                         |
|------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 2017 | <b>Fifth position on Top C GitHub developers in Brazil</b>         | <a href="http://git-awards.com/users?country=brazil&amp;language=c">http://git-awards.com/users?country=brazil&amp;language=c</a> | <a href="#">Ranking</a> |
| 2017 | <b>First position on Top C GitHub developers in Sao paulo city</b> | <a href="http://git-awards.com/users?city=são+paulo&amp;language=c">http://git-awards.com/users?city=são+paulo&amp;language=c</a> | <a href="#">Ranking</a> |

## Presentations

- |      |                                                                                                 |                                                                                                                                                                                               |
|------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2011 | <b>YSTS - Detector de ladrão com laser</b>                                                      | <a href="https://pt.slideshare.net/antoniocooler/detector-de-ladro-com-laser">https://pt.slideshare.net/antoniocooler/detector-de-ladro-com-laser</a>                                         |
| 2012 | <b>OWASP Florianopolis - Automação para o web hacking</b>                                       | <a href="https://pt.slideshare.net/conviso/web-spiders-automao-para-web-hacking">https://pt.slideshare.net/conviso/web-spiders-automao-para-web-hacking</a>                                   |
| 2012 | <b>UNASP - semana da computação - Vivendo do hacking</b>                                        | <a href="https://pt.slideshare.net/antoniocooler/vivendo-de-hacking">https://pt.slideshare.net/antoniocooler/vivendo-de-hacking</a>                                                           |
| 2013 | <b>SERPRO - Seminário Tecnológico de Segurança da Informação - Automação para o web hacking</b> | <a href="http://www.softwarelivre.gov.br/eventos/seminarios-tecnologicos-seguranca-da-informacao">http://www.softwarelivre.gov.br/eventos/seminarios-tecnologicos-seguranca-da-informacao</a> |
| 2014 | <b>TDC Sao paulo - the developers conference - Development Pitfalls</b>                         | <a href="https://www.infoq.com/br/presentations/development-pitfalls">https://www.infoq.com/br/presentations/development-pitfalls</a> <a href="#">English language</a>                        |
| 2014 | <b>Bsides Sao paulo - od1n web hacking tool</b>                                                 | <a href="https://pt.slideshare.net/antoniocooler/0d1n">https://pt.slideshare.net/antoniocooler/0d1n</a> <a href="#">English Language</a>                                                      |
| 2015 | <b>TDC Sao paulo - Burlando um WAF</b>                                                          | <a href="https://pt.slideshare.net/antoniocooler/burlando-waf-20">https://pt.slideshare.net/antoniocooler/burlando-waf-20</a>                                                                 |

## Papers

- |      |                                                                                                     |                                                                                                                                                                                                                                                                                                                                                        |
|------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2017 | <b>Hackaday - Hack any TV remote control</b>                                                        | <a href="https://hackaday.com/2017/08/13/complete-ir-control/">https://hackaday.com/2017/08/13/complete-ir-control/</a> <a href="#">English language</a>                                                                                                                                                                                               |
| 2016 | <b>Conviso - Melhorando seu próprio sistema anti-spam   Improving spam detection with automaton</b> | <a href="http://blog.conviso.com.br/criando-seu-proprio-sistema-anti-spam/">blog.conviso.com.br/criando-seu-proprio-sistema-anti-spam/</a> <a href="https://pt.slideshare.net/antoniocooler/improving-spam-detection-with-automaton/">pt.slideshare.net/antoniocooler/improving-spam-detection-with-automaton/</a> <a href="#">Portuguese language</a> |
| 2016 | <b>Conviso - Um pouco sobre web application firewall</b>                                            | <a href="http://blog.conviso.com.br/waf_web_application_firewall/">http://blog.conviso.com.br/waf_web_application_firewall/</a> <a href="#">Portuguese language</a>                                                                                                                                                                                    |

## Technical Skills

Skill full in Penetration Testing and Secure Code Review.

Great experience in Operating System, Network Administration and programming.

Great experience to problem solving, full skill how to automate just about anything.