

Address

Brazil
Sao paulo / Sao paulo

Antonio Costa

Systems Analyst

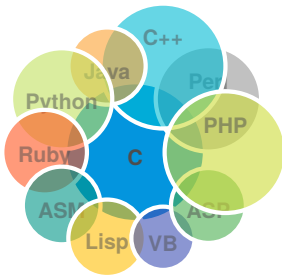
Mail

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

strcmp SSE42 [Open Source](#)
strcmp() function implementation with intel's SSE 4.2 instruction. 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

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>

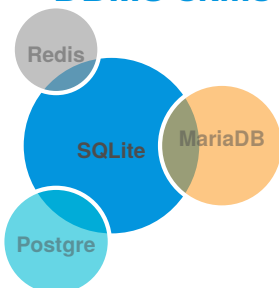
OS Preference

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 ops
form grabbing ops
Persistence
Screenlogger ops
Keylogger ops
Phishing ops
Pharming ops
Drop spread
Packing ops
other tests

NOTE:

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

Honors & Awards

- 2017 **Fifth position on Top C GitHub developers in Brazil** <http://git-awards.com/users?country=brazil&language=c> [Ranking](#)
- 2017 **First position on Top C GitHub developers in Sao paulo city** <http://git-awards.com/users?city=são+paulo&language=c> [Ranking](#)

Presentations

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

Papers

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

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.