

Marshall Whittaker
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INTRODUCTION

I am an independent security researcher excited to join a team where I can let my skills in offensive, defensive security, and exploit development shine.

PROJECTS

ansvif, A Not So Very Intelligent Fuzzer

Over seven years I've had the pleasure to design and write a tool used by security professionals to find software flaws. It can be found at: <http://oxagast.github.io/ansvif/>.

oxasploits, A collection of exploits and vulnerabilities

A collection of CVE's for vulnerabilities I discovered and or wrote exploits for: <https://github.com/oxagast/oxasploits>.

Also see <https://blog.oxagast.org>.

EXPLOIT DEVELOPMENT

[CVE-2010-2626](#) (Webmin) (Dir transversal to root RCE)
[CVE-2016-10401](#) (Zyxel Modems) (Took apart firmware and cracked passwords)
[CVE-2017-5816](#) (HPe iMC PLAT) (Command injection in service restart)
[CVE-2018-17336](#) (UDisks2) (String Format in log generation)
[CVE-2019-12881](#) (Linux kernel) (NULL Pointer Dereference)
[CVE-2019-15947](#) (Bitcoin-qt) (Design flaw)

LANGUAGES

I am a fluent coder in quite a few languages, *C* (ansvif, jmpwnns), *C++* (ansvif, google-blacklist), *Javascript* (sqlmap-helper, oxagast.org), *Perl* (MAPDAV), *Ruby* (Metasploit module creation), *Python* (Kadio for Kodi).

EXPERIENCE

Freelance Developer / Github contributor, Asheville, NC

January 2014 - Current

I develop security tools with applications in exploit development and vulnerability assessment. My work can be found on GitHub: <https://github.com/oxagast>.

Assistant to the Network Administrator

January 2003 - May 2004

It was my responsibility to repair computers, configure software, and configure/debug network issues.

HOBBIES

Gardening
Trucks
HackTheBox
PicoCTF
Open Source projects

EDUCATION

Rowan Cabarrus Community College, Salisbury, NC

2005 - 2007

General Studies going for a transfer to a University.

Western Carolina University, Cullowhee, NC

2007 - 2008

I studied Computer Science and Electrical Engineering.