

Marshall Whittaker
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INTRODUCTION

Seasoned information security contractor; excited to join a team where their skills in offensive red team, defensive blue team, 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 discovered and have written exploits for: <https://github.com/oxagast/oxasploits>.

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)
[CVE-2021-3560](#) (Polkit/dbus) (Race condition LPE)

LANGUAGES

A fluent polyglot programmer in, *C* (ansvif, jmpwnns), *C++* (ansvif, google-blacklist), *Javascript* (sqlmap-helper, oxagast.org), *Perl* (MAPDAV), *Ruby* (Metasploit module creation), *Python* (Kadio for Kodi).

EXPERIENCE

Information Security blogger, Asheville, NC - May 2020 - Current

Blogging at <https://blog.oxagast.org> about various information security topics, CVE's I've worked on exploits for, as well as general Red Team topics.

Freelance Developer / Github Contributor, Asheville, NC - January 2014 - Current

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, Mocksville, NC - January 2003 - May 2004

Responsibilities were 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

Studied Computer Science and Electrical Engineering.