



Charlton Trezevant

Developer, Security Consultant

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EXPERIENCE

UCF Information Security Office, Orlando — *Penetration Tester*

February 2019 - October 2019

As part of the UCF ISO Red Team, I was involved in numerous engagements concerning UCF colleges and departments. Apart from these official engagements, this work also included finding and exploiting vulnerabilities across any exposed attack surface of UCF's internal infrastructure.

88.5 WMNF, Tampa — *Security Consultant, Incident Response Team*

July 2019 - Ongoing

After hearing word of a severe breach that occurred at WMNF's station and offices, I volunteered to help lead WMNF's incident response and remediation efforts. With my guidance, the situation was contained, mitigations were designed and implemented, and new policies and procedures were created to improve both infrastructural and organizational resilience to digital threats.

Vensure HR, Atlanta — *Composer*

May of 2019

Created a series of on-hold pieces for a new phone system deployed at the company's nationwide offices, along with a selection of musical logos for use by the brand.

N3XTWORK, LLC, Tampa — *SWE, R&D, Security Consultant*

May 2018 - August 2019

Developed a portfolio of proprietary security technologies to support the ongoing research and development of N3xtwork's commercial products.

CoAdvantage, Tampa — *Junior Developer*

July - August 2015

Individually migrated, re-architected, and deployed a business-critical payroll management application for CoAdvantage, the 6th largest HR outsourcing company in the US.

Technologies: Red Hat Enterprise Linux, Windows Server, IIS, Microsoft SQL Server, MySQL, Apache, LDAP, PHP, Yii Framework, Chart.js

Lomax Magnet School, Tampa — *Systems Administrator*

September 2014 - October 2015

Following district budget and personnel cuts, I volunteered to fill the role of an on-site systems administrator and support technician at Lomax Magnet School, completing 138 volunteer service hours in the process. While there, I managed a fleet of nearly 300 public workstations, laptops, and personal devices, and developed custom tooling (such as an incident reporting and ticketing system).

Technologies: Windows Server 2008 and 2012, Altiris, System Imaging via PXE, Windows 7 and 10 Enterprise Edition, Various educational software packages

SKILLS

I have years of experience with a wide variety of tooling, programming languages, and operating systems. I enjoy learning new things and adapting at a fast pace.

I'm passionate about learning and sharing what I know with others, so I enjoy working collaboratively and love to teach. I often volunteer to mentor at hackathons, give workshops, and tutor people one-on-one.

AWARDS

First Place at the 2018 Eastern Regional Collegiate Penetration Testing Competition

First Place at both the 2018 and 2019 SECCDC regional competitions. First place in 3/3 (2018) and 2/3 (2019) scored subcategories, as a member of the UCF CCDC team

First Place at the University of Buffalo's 2018 Lockdown competition

First Place at the 2019 Duel Factor CTF hosted by the Florida Cyber Conference

Second Place at the 2018 and 2019 NCCDC competitions, as a member of the UCF CCDC team

Second Place in the 2017 Symantec Higher Ed Cyber Challenge CTF, as a member of the UCF Knightsec team

Third Place at the 2018 National CPTC competition, as a member of the UCF CPTC team

Third Place at RIT's 2018 ISTS

EDUCATION

University of Central Florida, Orlando — *Information Technology*

2017 - 2021

EXTRACURRICULAR

Collegiate Cyber Defense Club @ UCF (Hack@UCF) — *President*

2019 - 2020

Collegiate Cyber Defense Club @ UCF (Hack@UCF) — *Vice President*

2017 - 2018

UCF Collegiate Cyber Defense Competition (CCDC) Team

2017 - 2019

UCF Collegiate Penetration Testing Competition (CPTC) Team

2017 - 2018

PROJECTS

SpeedPicker — *A Competitive Lockpicking Platform. Race Your Friends!*

2019 – github.com/ctrezevant/speedpicker

Iowa CDC Web App — *Fixing Egregious Web Security Flaws*

2019 – github.com/ctrezevant/iowa-cdc-webapp

PEACE — *Ping Executes Any Command Entered*

2018 – github.com/ctrezevant/peace

Shadowfuchsia Toolkit — *1337 TTPs Used At ISTS 2018*

2018 – github.com/ctrezevant/shadowfuchsia

Grok — *An Open-Source CI Framework For Beginners*

2018 – github.com/ctrezevant/grok

Gakken-USBMIDI — *An Open-Source CV Generator For The Gakken SX150 Synthesizer*

2018 – github.com/ctrezevant/gakken-usbmidi

Edsby XSS — *Uncovering A Stored XSS Vulnerability in Edsby*

2017 – github.com/ctrezevant/edsby_xss

PyEdsby — *An Unofficial Open-Source API Wrapper for the Edsby SIS*

2017 – github.com/ctrezevant/PyEdsby

GEFSBot — *An Open-Source Hurricane Tracking Slack Bot*

2017 – github.com/ctrezevant/gefs-bot

SpeedRacer — *An Open-Source Pinewood Derby Controller*

2017 – github.com/ctrezevant/speedRacer

Bellhop — *A Tweeting Doorbell For The Modern Home*

2017 – github.com/ctrezevant/bellhop

DoorMan — *An Open-Source, Connected Garage Door Controller*

2016 – github.com/ctrezevant/doorMan

competition, as a member of the UCF Knightsec team

**Department of Education
Outstanding Volunteer of the
Year, 2015-2016**

Authored an article on web cache crawling for 2600 Magazine, published in Vol. 33, Issue 1

Dean's List, UCF CECS Fall 2017, Fall 2020

LANGUAGES

Go, Python, C, Java, JavaScript, PHP, SQL, HTML5/CSS3, Bash, Batch, etc

TECHNOLOGIES

Linux/UNIX, especially variants in the Debian family. I'm a strong proponent of Linux's open design and flexibility

Security Technologies whether it's offensive, defensive, or incident response, I have a broad range of experience in creatively applying security tools and techniques to high-stress, high-stakes environments.

Computing Platforms including AWS, GCP, KVM/Libvirt, LXC, Docker, and OpenStack with MAAS and JuJu

Teaching & Training I have a diverse background developing training materials, workshops, and instructional content. A popular example is my introduction to Git and Github, which I taught every semester: ctis.me/s/git

Hardware from Raspberry Pi and Arduino to reverse engineering e-readers. Check out my intro to SDR presentation at ctis.me/s/sdr

REFERENCES

References and letters of recommendation available at ctis.me/refs