



Charlton Trezevant

Software & Security Engineer

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EXPERIENCE

Xebia, GitHub, Microsoft, St. Petersburg — Contractor

January 2023 - Present

At Xebia, I was entrusted with the responsibility of onboarding as a contractor at Microsoft and GitHub, assuming direct responsibility for consultation, training, technical pre-sales, and development of custom solutions for their immediate customers. I provide direct engineering support, often requiring coordination with GitHub employees, internal tooling, and developing my own custom solutions. Particularly, a large-scale tool for orchestrating and dispatching tens to hundreds of thousands of individual repository migrations, along with a similar tool specifically for the migration of secrets.

Xebia, St. Petersburg — Application Security Consultant

December 2022 - Present

As employee #12 at Xebia Microsoft Services US (formerly Xpirit USA), I substantially shaped the development of our GitHub consulting practice from the ground up. This included design and strategic positioning of our portfolio of professional services around GitHub's features and platform, and laying the cultural, technical, and procedural foundation for more than a dozen new employees of the practice while scaling from \$0 to \$XM in revenue.

Tampa Devs, St. Petersburg — Co-Founder & CTO

September 2021 - Present

I co-founded [Tampa Devs](#), the fastest growing nonprofit software development community in Tampa Bay. Our non-profit mission is to accelerate access to high-quality training and career opportunities in Tampa's software industry. I am responsible for developing and/or overseeing our home-grown [hiring platform](#), [marketing/data warehousing technologies](#), [public cloud](#), event organization, and business development strategies.

GuidePoint Security, St. Petersburg — Senior Application Security Consultant

December 2021 - November 2022

As a senior application security consultant, I designed and delivered security assessments, strategic guidance, and training courses to GuidePoint's Fortune 100 and Fortune 500 clients.

GuidePoint Security, St. Petersburg — Application Security Consultant

November 2020 - December 2021

UCF Information Security Office, Orlando — Penetration Tester

February 2019 - October 2019

SKILLS

I'm a generalist motivated by interesting challenges. I enjoy learning new things and drawing from my varied background to design and implement novel solutions

I'm passionate about learning and sharing what I know with others. I enjoy working collaboratively and love both to teach and to be taught. I often give workshops, volunteer as a mentor, 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

88.5 WMNF, Tampa — *Volunteer Incident Response Team Lead*

July 2019 - June 2020

N3XTWORK, LLC, Tampa — *Software Engineer, R&D Lead*

May 2018 - August 2019

Developed managed attribution, secure networking solutions, physical security systems, and cellular technology products for intelligence sector use-cases.

CoAdvantage, Tampa — *Junior Developer*

July - August 2015

Individually refactored, re-architected, migrated, and deployed a critical internal payroll management application ([view reference](#)).

EDUCATION

University of Central Florida, Orlando

2017 - 2021

EXTRACURRICULAR

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

2017 - 2020

UCF Collegiate Cyber Defense Competition (CCDC) Team

2017 - 2019

UCF Collegiate Penetration Testing Competition (CPTC) Team

2017 - 2018

PROJECTS & PUBLICATIONS

Legitify – *Contributed Support For SARIF Output*

2023 – github.com/Legit-Labs/legitify/pull/192

Notes App – *A Secure Azure App Service Deployment Demo With Terraform*

2023 – github.com/XpiritBV/notes-app

Sssecrets – *Simple Structured Secrets*

2023 – github.com/chtzvt/sssecrets

Ship Your Game With GitHub Actions – *Tampa Devs Talk*

2023 – blog.ctis.me/2023/07/tampa-devs-gameops

Yubikeys & PKI – *What Are They For?*

2022 – blog.ctis.me/2022/12/yubikey-piv-gpg

Tampa Devs – *Lecture: Understanding Application Security*

2022 – blog.ctis.me/2022/08/lecture-understanding-application-security

CVE-2021-21956 – *PoC Tool for LDAP injection in ForgeRock OpenAM v13.0.0*

2021 – github.com/guidepointsecurity/CVE-2021-29156

Why GitHub Won't Protect PHP – *An In-Depth Look At The PHP Core Breach*

2021 – guidepointsecurity.com/blog/why-github-wont-protect-php

Porter – *An Open-Source, Connected Garage Door Controller written in Go*

2020 – github.com/ctrezevant/porter

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

2019 – github.com/ctrezevant/speedpicker

Peace – *Ping Executes Any Command Entered*

2018 – github.com/ctrezevant/peace

Gakken-USB MIDI – *Control Voltage Generator For Gakken SX150 Synthesizer*

2018 – github.com/ctrezevant/gakken-usbmidi

Edsby XSS – *Uncovering A Stored XSS Vulnerability In Edsby With PyEdsby*

2017 - github.com/ctrezevant/edsby_xss

Find more projects at blog.ctis.me/projects

Third Place at RIT's 2018 ISTS competition, as a member of the UCF Knightsec team

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

TECHNOLOGIES

DevOps is about empowering developers to be fast and effective with great tools. I have accredited experience applying solutions across GitHub, Azure, and more to facilitate automation for security, build/deployment, policy enforcement, and more

Security Technologies whether offensive, defensive, or forensic, I have a breadth and depth of experience with creatively applying security tools and techniques in high-stress, high-stakes environments

Computing Platforms including Azure, AWS, QEMU/KVM/Libvirt, LXC, and some OpenStack

Teaching & Training I have a diverse background developing training materials, workshops, and instructional content. A good example is my introduction to Git and Github at ctis.me/s/git

Hardware from DIY projects to reverse engineering IoT devices. Check out my intro to SDR presentation at ctis.me/s/sdr

REFERENCES

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