DaNeil Coulthard

DaNeil.Coulthard@gmail.com | 208-413-1888
Portfolio: caffiendkitten.github.io | Blog: dev.to/caffiendkitten
LinkedIn: linkedin.com/in/daneil-coulthard | GitHub: github.com/caffiendkitten

Quality-driven security professional and full-stack software/security engineer with a passion for performing responsible disclosure and aligning security controls, processes, policies and procedures. Experienced in leveraging tool-based testing and manual hands-on testing of web applications and network services while utilizing web and network application guidelines and following industry-standard best practices and methodologies, such as OWASP and PTES.

I am passionate about Information Security and enthusiastic about finding and fixing security vulnerabilities in web applications. I am active within the InfoSec community, participate in CTFs, and attend local tech meetup groups; such as the CyberSecurity Non-Profit (volunteer), WISP, WoSec, and OWASP.

Work Experience

Independent Security Engineer / Penetration Tester — Greater Seattle Area, WA 2020 - Current
Web application penetration using OWASP top 10 methodology, network penetration, and mobile application penetration testing to perform responsible bug disclosure.

Emerald City Smoothie: Store Manager — Shoreline, WA 2011 - 2019
Managed day-to-day operations, setup/installed new POS tripling the speed of checkout and increasing sales by 12% yearly.

Sports Authority: Receiving and Merchandising Processor — Seattle, WA 2007 - 2012
Received and merchandised product, streamlined departmental processes, and provided internal and external customer service.

Technical Skills

Languages: Ruby, React, JavaScript, Python, HTML5/CSS3, SQL
Libraries/Frameworks: React.js, Rails, jQuery, Bootstrap, JWT
Tools: Git, Github, VSCode, Burp Suite, ZAP, WireShark, Hydra, SQLMap
Databases: PostgreSQL, SQLite, MYSQL
Methodologies: OWASP Testing Guide, PTES, OSSTMM (Open Source Security Testing Methodology Manual)

CTF Participation

Attack in Autumn Sept 2020 | 2nd annual Hot Dogs & Hacking CMD+CTRL Cyber Range event July 2-4, 2020 | WoSEC & Security Innovation Cyber Range Event June 27th, 2020 | NahamSec Con June 13-14, 2020 | UMBC Cyber Dawgs April 10-12, 2020 | VirSec Con 2020 April 4, 2020

Academic Projects

Penetration Test Report on Password Manager (2020): https://github.com/caffiendkitten/PenTestReport
A full evaluation of the security posture of the application compared to current industry best practices, such as OWASP top 10, PTES, and NIST. This will include both manual and automated testing as well as an evaluation of the vulnerabilities found and their suggested remediation.

Password Manager (2019): https://flatiron-passwordmanager.netlify.com
https://github.com/caffiendkitten/Final-Project-Frontend
A password manager allowing users to create their own list of usernames and passwords for their online accounts utilizing Cryptr AES-256-CRT for database encryption/decryption, BCrypt hashing for login passwords, JavaScript and HTML for frontend user input validation, Ruby and Postgres for backend database and database validations, and JWT HS256 signatures for user state.

Education

Flatiron School | Software Engineering
City University Seattle | Bachelor of Science: Information Technology, Information Security Emphasis
Lewis-Clark State College | Associate's Degree: Web Development