

DaNeil Coulthard

Professional Summary

Passionate Security Engineer and University graduate with IT BS and hundreds of classroom hours in Information Security and Penetration Testing. Experienced at leveraging automated and manual testing of web applications while utilizing industry-standard best practices and methodologies, such as OWASP WSTG and RFC BCP.

Enthusiastic about finding and fixing security vulnerabilities in web applications, performing responsible disclosure, and aligning security controls, processes, policies and procedures.

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Portfolio: caffiendkitten.github.io

Blog: dev.to/caffiendkitten

GitHub: github.com/caffiendkitten

Work History

● Independent Security Engineer / Penetration Tester — 2020 - Current

- Researched and built a home server for isolated testing and documented processes. (See Portfolio)
- Completed CompTIA Sec+ and Network+ training course and Udemy training courses on Python, Ethical Hacking.
- Participated in various bug bounty programs to find web application vulnerabilities affecting companies and performing responsible vulnerability disclosure
- Participated in CTF competitions and Conferences
- Researched and evaluated the security posture of previously built Password Manager Application compared to current industry best practices through manual and automated testing and performing suggested remediation.

● Emerald City Smoothie: Store Manager — 2011 - 2019

- Installed new POS hardware, rolled out regular software updates, and applied patches to POS and store devices increasing the speed of checkout times and profits by 12%.
- Helped develop and test new product offerings prior to release.
- Set, enforced, and optimized internal policies to maintain efficiency and responsiveness to demands.

● Sports Authority: Receiving and Merchandising Processor — 2007 - 2012

- Received and merchandised products to appeal to customers, grab attention, and drive sales.
- Optimized departmental processes to maximize customer service and satisfaction.

Education

● 2019 Flatiron School | Certificate: Software Engineering

Capstone Project: Password Manager Application | flatiron-passwordmanager.netlify.com

Full-stack web application allowing users to create individual groups of credentials, create unique and secure passwords, and save passwords for later use. Utilizes React, JavaScript, bcrypt password-hashing, AES-256-CTR encryption, Ruby on Rails, PostgreSQL, and JWT HS256 signatures.

● 2018 City University Seattle | Bachelor of Science: Information Technology, Information Security Emphasis

Relevant Coursework: IT Compliance, Programming with Python, Network Security, IT Service Management, Information Technology Ethics, 'Cybercrime, Tech, and Soc Change', Human Computer Interaction, Systems Analysis and Design, Operating Systems, Data Mgmt Commun and Network, Critical Thinking

● 2009 Lewis-Clark State College | Associate of Applied Science: Web Development

Project: Built ASP.NET Application

Relevant Coursework: Web Database Technologies, Intro/C++ Program w/UML, Novell/LINUX Operating Systems

Skills

- **Soft Skills:** Interpersonal Skills, Works Well Under Pressure, Collaboration & Teamwork, Learns New Skills Quickly
- **Technical Skills:** HTML5/CSS3, JavaScript, PHP, Python, React, Ruby, SQL, Apache HTTP Server, Penetration Testing (Burp Suite, ZAP, WireShark, Hydra, SQLMap, Kali), Common Operating Systems (Windows, Ubuntu, Mac OSx, Linux), Knowledge of Security Vulnerabilities and Remediation as Listed in OWASP, Secure Software Development, and Automation.

Volunteering

CyberSecurity Non-Profit (CSNP) Seattle Chapter Volunteer

New Tech Northwest Event Volunteer

CTF Participation

See Portfolio for ongoing CTF participation. (caffiendkitten.github.io)