

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, RFC BCP, and PTES. 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

- Participates in various bug bounty programs to find web application vulnerabilities affecting companies and performing responsible vulnerability disclosure.
- Built home test lab and documented process. (See Blog: dev.to/caffiendkitten)
- Completed CompTIA Sec+ and Network+ training course and Udemy training courses on Python, Ethical Hacking.
- Participated in CTF competitions and Conferences

Key Achievement: An evaluation of the security posture of the previously built Password Manager Application compared to current industry best practices through manual and automated testing; as well as suggested remediation.

● Emerald City Smoothie: Store Manager — 2011 - 2019 Managed Vulnerability Scanning Specialist (Full-Time)

- 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/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
- **Languages:** HTML5/CSS3, JavaScript, PHP, Python, React, Ruby, SQL
- **Tools:** Burp Suite, ZAP, Apache HTTP Server, WireShark, Hydra, SQLMap
- **Operating Systems:** Windows, Ubuntu, Mac OSx, Linux
- **Security Knowledge:** Automation, Secure Software Development, Security Analysis, Knowledge of Security Vulnerabilities and Remediation as Listed in OWASP.

Volunteering

CyberSecurity Non-Profit (CSNP) Seattle Chapter Volunteer

New Tech Northwest Volunteer

CTF Participation

See Portfolio for ongoing CTF participation