

JON BARBER

Learn, build, break, repeat.

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EXPERIENCE

Senior Security Consultant

NCC Group (Formerly iSEC Partners)

February 2015 – Ongoing Seattle, WA

- Engaged in penetration tests for US tech. industry clients.
- Rapidly learned new systems, stacks, and technologies.
- Found vulnerabilities in web apps, mobile apps, networks, network devices, architecture designs, and source code.
- Created detailed vulnerability reports explaining the engagement and each finding in a way useful to engineers but relevant to executives.
- Tech lead over 75% of engagements and directly managed consultants.
- Performed self directed research that resulted in a conference talk.
- Organized Security Open Forums at Oculus and Tableau.
- Hosted over 15 Fauxpen Forums, Poker Nights, and Game Nights.

Penetration Tester

Rhino Security Labs Contract Work

December 2014 – January 2015 Remote

- Performed contract-based, self directed web application pentesting and social engineering.
- Delivered custom written reports detailing vulnerability locations, risks, and recommendations.

Security Engineer

FactSet Internship and Part Time

June 2014 – December 2014 Norwalk, CT / Remote

- Identified vulnerabilities and managed the remediation of them in FactSet systems, applications, and products.
- Performed threat modeling, wrote security policies, and provided developer security training.

PROJECTS

Wireless Elephant in the Room

October 2016 Toorcon San Diego

Found zero days in 20 common off the shelf home routers including Internet-based command injection, auth bypass, ISP backdoor, and more.

SAMLyze

August 2015 Black Hat USA - Arsenal

Acts as an rogue IdP to perform attacks against SAML Service Providers.

Covert and Persistent Twitter Botnet

December 2015 RIT

Developed a proof of concept that used crypto, stego, and hashtags to maintain an extremely resilient and hard to detect botnet over Twitter.

I BRING

Deep knowledge of web application security.

Excellent communication skills.

Strong curiosity and the hacker mindset.

FUN STUFF

Marathon runner

MTG Pro Tour player

V4 climber

Soylent enthusiast

Avid hiker

EDUCATION

Computing Security Bachelor of Science

Rochester Institute of Technology

Sept 2012 – Dec 2014

- CSEC Ambassador
- SPARSA Vice President of Research
- President of RIT Competitive CyberSecurity Club

Film and Animation Bachelor of Fine Arts

Rochester Institute of Technology

Sept 2009 – June 2013

BUZZ WORDS

| | | | |
|------------|-------------|--------------|-------------|
| Android | Auth | AWS | Bash |
| Botnets | Bug Bounty | Burpsuite | |
| CCDC | Code Review | Cryptography | |
| CTF | Development | Exploitation | |
| Flask | git | HTTP | iOS |
| JavaScript | Kali | LaTeX | Linux |
| Metasploit | Mobile | Netpen | Nmap |
| OAuth 2.0 | OSINIT | OWASP Top 10 | |
| Perl | PHP | Python | Red Teaming |
| Ruby | SAML | SDLC | SSO |
| | | | TLS |