

# Joe Grassl

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Spokane, WA

**Objective** I am seeking opportunities in information security, specifically penetration testing, red teaming, and digital forensics.

**Introduction** Hello! I've been studying computer security for about eight years now and have competed in many security capture-the-flag challenges and competitions. I believe that the best defense is a good offense, so I'd like to work in the exciting world of penetration testing. You can find many good examples of my skills and previous projects on my Github repo, my HackTheBox account, and my personal website.

**Github:** <https://github.com/delta-plus>

**HackTheBox:** <https://app.hackthebox.eu/profile/36433>

**Website:** <https://delta-plus.github.io>

**Experience**

- Intern at Tierpoint, a data center and computer security services provider in Liberty Lake, WA, under John Stoker. Spring of 2015
- Occasional laptop repair and virus removal. 2015 to Present
- Freelance web scraper and bot development. 2017 to 2018
- Freelance Android app development in React Native. 2017 to 2018
- Open-source web forum development for CiviWiki. 2018
- SOC analyst/full stack development intern at TorchLight. 2022 to Present

**Skills**

- Linux and Windows Administration: Scripting, system and network configuration, security hardening, minor forensics.
- Programming/Web Development: C, C#, C++, Java, Python, React, React Native, bash, batch, PowerShell, Node.js, and assembly.
- Networking: Deep knowledge of ports, protocols, OSI layers, and infrastructure. Experience setting up networks of virtual machines.
- Cybersecurity: Web security, reverse engineering, Windows and Linux hacking, network security, and Android security.  
Some of my favorite tools are radare2, impacket, Bloodhound, Sliver, ffuf, ripgrep, crackmapexec, nmap, hashcat, sleuthkit, sqlmap, dnSpy, as well as tmux, vim, and custom scripts.

**Awards**

- 6<sup>th</sup> Place in the nation for Cybersecurity – Future Business Leaders of America 2015
- 3<sup>rd</sup> Place in the nation for Network Design – FBLA 2016
- 2<sup>nd</sup> Place - Spokane Mayor's Cup Cybersecurity Competition - 2019
- 2<sup>nd</sup> Place - Spokane Mayor's Cup Cybersecurity Competition - 2022

**Certifications**

- Microsoft Technology Associate: Security Fundamentals, 5/2015
- Microsoft Technology Associate: Networking Fundamentals, 5/2015
- CompTIA Linux+, 12/2018
- Cisco CCNA, 10/2019
- Cisco CCNA Routing & Switching, 10/2019