

BEN SIMCOX

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My name's Ben and I'm happily working through my senior year studying Computer Science and Cybersecurity. I'm not aggressively job hunting, if you're reading this it's because I think your company is interesting.

WHAT IT'S LIKE WORKING WITH ME

As a hacker/developer I like to...

- Read actual books on a new tech topic rather than cobbling a solution together from stack overflow posts.
- Write the skeleton of my code by defining the function names first so I can see the shape of the program.
- Get feedback on the stuff I create. I incorporate notes I'm given into my "pre-ship" checklist.
- Work from checklists and take notes, both with pen and paper and tools like Joplin.
- Track my time with Toggl to explore the distinction between "time worked" and "time spent working."

As a team member I will...

- Tell you if I think something can be done better but be excited to learn why if it turns out I'm wrong.
- Accept it if an inefficiency cannot be fixed at my team's level.

As a leader I know...

- That you can't treat every member of your team the same because everybody is motivated differently.
- Every project must have a finish line. Don't drive your team insane by constantly redefining success.

YEAH, BUT WHAT ABOUT YOUR SKILLZ?

I'm into doing Capture the Flag competitions with my school's hacking team...

- I finished in the top 4% nationally for the spring 2021 National Cyber League event, top 7% for fall 2020.
- We won the 2021 Cyber Maryland CTF and I've done Hivestorm, MACCDC, HTB UNI, Magic, and more.

Tech I really enjoy working with and I think I'm pretty good at...

- Linux. I love linux. I love the command line, clever one-liners, and using VIM, I have stickers on my laptop.
- Scripting. I take a ton of pleasure in automating stuff. Bash is my first love but Python is undeniably cooler.
- Java. It may not be sexy but I appreciate the way it handles object referencing and garbage collection.
- Virtualization. Both in the cloud and on my local machine, expect a long answer if you ask why I like it.
- Hacker toolz. I like Parrot's branding but 90% of the time I'm just using Hashcat, Nmap, and Wireshark.
- I have Certifications: Network+, Security+, Linux+, PenTest+ (July) and a TS/SCI clearance.

Tech I'm familiar with but I haven't worked with much...

- Assorted flavors of SQL, mostly MySQL and mostly from the context of attacking it.
- CSS and HTML. I've created static web pages and I use markdown with CSS for things like this resume.
- Full stack web development with Python and Flask. It's fun and I'd like to learn other frameworks.

Tech I'm really interested in learning...

- Reverse engineering binaries. It's fun to press the easy button with metasploit but I want to write my own exploits.
- Ruby. It's a beautiful language and it's used to write metasploit modules, which sounds fun.

WHAT HAVE I BEEN UP TO...

Finishing my Computer Science degree at <u>UMGC</u>	2019 - Feb/2022
Working on safety systems for <u>ballistic missile testing</u> at RGNext	2019 - 2020
Piloting the <u>Scan Eagle</u> for Insitu	2018 - 2019
Working on <u>Unmanned Aerial Systems</u> related projects in the US Army	2007 - 2018