

Free Wortley

Security Software Engineer & Founder

About Me

Founder of LunaSec (YC S19), ex-Figma, ex-Uber, ex-Snapchat.

Best known for coining the term "Log4Shell" for the Log4j vulnerability.

Currently reading AI papers, building AI tools, and dabbling in 3d printing.

Contact Information

Location: Seattle, WA

Email: me@freeqaz.com

Skills & Expertise

★★★★ S-Tier

- Security (AppSec, DataSec, recently AISec)
- Shipping Software
- All Things Web (TypeScript, React, etc)
- Linux (Arch btw)
- Mushroom Foraging

★★ A-Tier

- LLMs/AI
- Microservice Architecture
- 3D Printing (slinkies mostly)
- Music Production

★ B-Tier

- Cryptography
- Linear Algebra
- Graphic Design

Professional Experience


Staff Security Engineer at Figma

 April 2024—Current

Currently working on the 'AI Security' team, originally on ProdSec/AppSec.

- Hardened Snowflake infrastructure and various data pipelines/vendors
- Rolled out Smokescreen (HTTP Egress Proxy) to help reduce model exfiltration risk
- Security requirements + infrastructure for AI/ML model training + inference
- Reduced org-wide toil of patching CVEs via onboarding new vendor (Socket.dev)

CEO & Founder at LunaSec (YC S19)

 April 2019—March 2024

Spent many years building a VC-backed startup in the security space.

- Built a few products, raised some money (\$1.7mm), and learned a lot along the way
- Supply Chain Security, Data Security, and Low-Code, Heroku-like platform using AWS
- Hired a team of 6+ people, ran sales, marketing, and engineering
- Our work was featured in TechCrunch, Wired, and other outlets
- Code on GitHub: <https://github.com/lunasec-io>


Security Software Engineer at Snap Inc (Snapchat)

 November 2018—April 2019

Left to start my own company when we got into YC. Helped with a few projects:

- Helped build a "secrets management" platform for the organization
- Worked on the GCP-to-AWS migration
- Lead the effort to implement an eng-wide review ("RFC") process

Security Software Engineer at Uber

 August 2014—November 2018

I joined as an early member of the engineering team and worked across several different teams as Uber experienced hypergrowth.

- Built "secure by default" web framework for engineers (full-stack Node/React)
- Scaled out the AppSec reviews to 'Let Builders Build' and ship faster
- Security automation platform to detect sketchy code (like Semgrep/CodeQL)
- Created an org-wide security training program for engineers
- Built "uber.com" from the ground up (working directly under CEO)

Software Engineer at Airware (YC W13)

 February 2013—August 2014

Built a desktop app using C# and WPF to generate flight plans for drones. Joined pre-funding, and Airware went on to raise \$120m.

Achievements

Alumni

 Y Combinator (S19)