Haitao Zheng

Cyber Security & Privacy student

Bonn, Germany · h@tzheng.dev · tzheng.dev · github.com/0xTaoZ · linkedin.com/in/haitaozheng

EDUCATION

Hochschule Bonn-Rhein-Sieg · B.Sc. Cyber Security & Privacy · Coursework: Java, Linux, networking, databases, Technische Informatik, GDPR — Oct 2025 – present

FHM University of Applied Sciences, Bielefeld · University preparation, Feststellungsprüfung · German C1 certified within the programme — Dec 2024 – Jun 2025

Harvard CS50x · Online course, computer science foundations — 2024

SECURITY

CVE-2026-120829 · Ansible · Discovered and reported; CVE assigned and credited by Red Hat Product Security. Upstream fix in progress.

OPEN SOURCE

pyinfra Python infrastructure automation · 6.1k stars — 16 merged PRs · Jul 2026 – Oct 2026

- Added OpenSSH host-certificate trust to the SSH connector without weakening strict host-key checking. #1945
- Fixed sudo with rsync, nested ProxyJump sockets, su prompts in fact output, NFSv4 ACLs and pinned dnf versions. #1950 #1980 #1981 #1955 #1913

cfn-lint AWS CloudFormation linter · 2.6k stars — 11 merged PRs · Jul 2026 – Oct 2026

- Rejected Fn::Select lifecycle policies that CloudFormation refuses, validated at the policy layer. #4704
- Corrected validation of Fn::GetAZs in Fn::Join, negative Fn::Select indexes, SAM stage references and log group names. #4677 #4622 #4730 #4745

Prowler Cloud security scanner · 15.2k stars — 3 merged PRs · Jul 2026 – Sep 2026

- Added a Kubernetes check for Pods mounting hostPath volumes. #11837
- Stopped 7 ECS checks from reporting PASS when the AWS describe call failed. #12217

Also merged — Jul 2026 – Sep 2026

Trivy Jenkins plugin license detection #10939 · **GuardDog** PyPI Inspector links for findings #797
ansible-lint register projection naming #5110 · **Graphtage** INI semantic diff #120

PROJECTS

cloudtrail-quickscan Python

CLI that flags root use, MFA removal, IAM boundary removal, disabled monitoring and public ingress in CloudTrail logs; JSON output, unit-tested rules.

StudyPulse TypeScript, React, Cloudflare Workers, D1

Study planner with a topic memory model and recall checks; model grades are bounded and rewards are computed on the server.

Heartbleed lab Docker, OpenSSL, Python

Course group project reproducing CVE-2014-0160 on an isolated network, with OpenSSL 1.0.1f beside a patched 1.0.1g control. In progress.

jsonl-lens Python

Profiles JSON Lines exports for missing versus null fields, type drift, nested paths and high-cardinality IDs.

SKILLS

Languages	Python, Java, C, TypeScript, SQL
Security	AWS CloudTrail, IAM, CloudFormation, Kubernetes, OpenSSH, IOC triage
Tools	Linux, Git, GitHub Actions, pytest/unittest, Cloudflare Workers, React, Astro
Spoken	English C1, German C1, Mandarin (native), Hokkien, Japanese A2