XACCEFY

Cybersecurity Student

Ulaanbaatar, Mongolia · +976 95851384 · xaccefy@gmail.com · github.com/xaccefy · xaccefy.vercel.app

Cybersecurity student at MUST (expected 2028) interested in vulnerability research, offensive security automation, and agent development. Learning through hands-on practice and open-source contribution — including responsible disclosures for two high-severity issues in widely-used packages (Socket.IO, React Router). Looking for entry-level opportunities in Vulnerability Research / AppSec to learn from a team.

SKILLS

Security: Learning vulnerability research, fuzzing, binary exploitation basics, reverse engineering, AppSec fundamentals (OWASP Top 10), secure code review, forensics

Agent / Dev: Exploring agent development, MCP servers, Pi Agent extensions, Claude Code, RAG workflows

Languages: Go, Python, C, Bash, JavaScript / TypeScript, Rust (learning)

Tools: Linux, Docker, Git, Burp Suite, Caido, Ghidra, GDB/pwndbg, pwntools, angr, Volatility, Wireshark

RESPONSIBLE DISCLOSURES

CVE-2026-33151 · Socket.IO · High **2026**

While learning to fuzz binary attachment handling, I noticed a case where an unbounded attachment count could exhaust server memory (DoS). Reported responsibly; maintainers released fixes in v3.3.5, v3.4.4, v4.2.6.

CVE-2026-33245 · React Router · High **2026**

While studying unstable RSC routing in v7, found a `javascript:` URL case leading to client-side XSS. Verified with a small PoC and reported responsibly.

EXPERIENCE

Security Software Engineer · Ember Grand **2026**

Worked on a small team building an early PTaaS prototype to automate parts of offensive workflows. Helped integrate a RAG flow to support analysis and reduce time spent on draft reports.

PROJECTS

pi-xpi **Personal**

Personal toolkit I maintain to make my own research workflow a bit more repeatable — case management, web/exploit search, code analysis for Pi Agent.

Ratic **Contributor**

Contributing to a security-focused fork of Claude Code for cleaner agent-assisted engineering.

WRITING & LEARNING NOTES

Documenting what I learn: HackTheBox (series + fortress) writeups, ROP Emporium solutions with notes, CTFMN local CTF writeups.

EDUCATION

Mongolian University of Science and Technology **Expected 2028**

Information and Communication Technology, Security focus · GPA 3.35 · Ulaanbaatar

ACTIVITIES

Team competitions I was fortunate to join with HACKRATIC and friends:

1st · Banksec × Mazala Live Hacking 2026

2nd · SICT Olympiad, Sustainable SOC Agents 2026

2nd · UB Hackathon 2026

4th · VeriTransit Challenge Final 2026

7th · AITU CTF Final 2026

Khan Bank Scholarship 2025