

Thomas J. Vu

Software engineer

Boston, Massachusetts · hello@thomasjvu.com · thomasjvu.com · github.com/thomasjvu · linkedin.com/in/thomasjvu

SUMMARY

Software engineer shipping agent systems, interactive products, and measurable AI infrastructure. Focused on AI systems you can inspect: agent loops with telemetry, product surfaces with real ownership boundaries, and infrastructure with public evidence instead of vibes.

SELECTED PROJECTS

LLM Plays Fire Emblem — Agent systems

Agent gameplay harness: mGBA state in, tactical context to the model, controller actions back, dashboard for humans. Public repo and inspectable demos; live dashboard Access-gated.

mGBA · Lua sockets · TypeScript · React · LLM decision loop | github.com/llmletsplay/fire-emblem-gba

SteezUI — Design systems

Shadcn-style design system with dual install paths (npm packages and /r-steez registry), inspectable demos, and craft-focused primitives. Live docs and public GitHub mirror.

TypeScript · React · Next.js · CSS Modules · design tokens | github.com/thomasjvu/steez-ui · steez-ui-6v5.pages.dev

Rally — Product engineering

Waifu visual novel chat experience with Live2D presence, memory, dates, inventory, and a relationship loop you can actually play. Portfolio carries SFW clip and architecture; hosted demo Access-gated.

React · Vite · Live2D · Hono · Cloudflare Workers | app.rally.sh

Mystery Gift — Verifiable randomness

TEE-backed verifiable randomness for giveaways and gachapon without on-chain VRF costs. Live healthy API at rng.mysterygift.fun (Intel TDX, attested randomness), plus product site and open source.

Intel TDX · Phala Cloud · Arweave · x402 · TypeScript | mysterygift.fun · rng.mysterygift.fun

RESEARCH

BS-Bench — LLM deception / compliance benchmark

Research on LLM deception and compliance, published alongside selected product work on thomasjvu.com.

SKILLS

Focus: Agent systems · AI product engineering · Design systems · LLM evaluation · Trusted execution environments · Browser-native applications

Languages: TypeScript · React · Next.js · Vite · Hono · Node · Python

Infra: Cloudflare Workers · Intel TDX / TEE · Arweave · mGBA tooling · Observability dashboards

CONTACT

Email: hello@thomasjvu.com

Site: <https://thomasjvu.com>

Resume: <https://thomasjvu.com/thomas-vu-resume.pdf>

GitHub: <https://github.com/thomasjvu>

LinkedIn: <https://www.linkedin.com/in/thomasjvu>

X: https://x.com/ultima_gg

Open to senior/staff software engineering roles across AI product, agent systems, and infrastructure.