

Xinwei Xiong

AI Product Systems Engineer

Agent Runtime / Native iOS / Full-stack Systems

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github.com/cubxxw

cubxxw.com

Shenzhen · Open to AI / Agent product systems roles

I build resumable agent runtimes and native AI products with durable context, tool policy and background execution.

Engineering Signals

DayPage

TestFlight v0.4.74 / 9
scheduled regressions / 464
tests + 4 UI flows

Agentry

191 tests / race detector /
63.2% coverage / stdio MCP

OpenIM

#1 contributor / 358
contributions / 11-service Helm
/ API + E2E CI

Experience

getyak Independent AI Product Engineer

Apr 2026 - present

Shipping agent runtimes and native iOS/web products with automated release and regression.

Shenzhen / Remote

Telepace AI Founder / Product Engineer

Jun 2024 - Oct 2025

Owned backend, async pipelines and Kubernetes delivery; stopped after 0 paying users.

Remote

OpenIM Open-source Intern, then Community Contributor

Apr 2023 - Apr 2024

Ranked #1 with 358 contributions; delivered 11-service Helm, API/E2E CI and contributor governance.

Remote

Selected Systems

DayPage

Apr 2026 - present

Solo Product Engineer

[Internal dogfood](#) · [TestFlight v0.4.74](#)

Lightweight capture is compiled by an LLM into a personal knowledge network; next layer: user-defined Skills → agent execution → artifacts returned to the UI.

- Shipped lightweight multimodal capture, LLM compilation, a Markdown/YAML vault and graph-backed retrieval; seven-day backfill + Local-to-iCloud integrity checks.

Swift / SwiftUI / TypeScript / Next.js / BGTaskScheduler

[Release v0.4.74](#) [CI Run](#)

Agentry

Jun 2026 · embedded prototype

Runtime Design and Implementation

[Working prototype](#)

A resumable, auditable agent runtime that unifies loops, tools, sessions, policy and multiple transports.

- Bounded loop; replayable JSONL sessions; allow/deny/ask; HTTP-tool rechecks for DNS, redirects and private ranges.

Go / MCP / JSON-RPC / HTTP / Chrome CDP

[Architecture](#) [Source](#)

OpenIM

Public contribution window: Apr 2023 - Apr 2024

Open-source Intern / Community Contributor

[Past contribution](#)

Owned deployment, CI and contributor governance in a large Go IM project; reached #1 on GitHub's contributor graph.

- Delivered 11-service Helm/Helmfile, API + E2E CI, and RFC, DCO, PR-review and release governance.

Go / Docker / Kubernetes / CI/CD / GitHub

[Contributor Graph](#) [PR Index](#)

Core Stack

Agent Systems Agent loop / MCP / Tool policy / Session lifecycle

Product Systems Native iOS / Web / Backend / TestFlight

Validation Regression testing / XCTest / Swift Testing / Maestro / Go race detector

Languages Swift / TypeScript / Go / Python

Education

Wuhan College of Arts & Sciences / Computer Science · undergraduate studies completed / 2024

Public Work Graph

[Products / Prototypes / Engineering Logs](#)