

JIMMY ZHONG

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EDUCATION

University of Pennsylvania, College of Arts & Sciences Aug 2025 – May 2029
B.A. in Mathematics and Computer Science | GPA: 3.81 / 4.00
Coursework: Algorithms, Data Structures, Discrete Mathematics, Automata & Computability, Advanced Calculus, Probability (Spring 2027)
MIT Beaver Works Summer Institute | Remote Sensing: GIS, Python, and Machine Learning Summer 2024

EXPERIENCE

Altverse | Product Engineering Intern, Generation Pipeline Aug 2026 – Present
Chrona (chrona.gg) — a persistent shared world whose assets, buildings, and scenes are generated by its users from text prompts

- Standardized Chrona's generation pipeline into a serialization layer that lets users chain single assets into persistent, editable scenes.
- Shipped the pipeline into Chrona's live public world and the LA Tech Week showcase, attracting 10 artists with 10K+ followers each.
- Designed and built personalized 3D interactive worlds for artists using Three.js and Tripo assets, acquiring 200K+ views on X.

Welta AI | Founding Full-Stack Engineer Mar 2026 – Sep 2026
AI advertising campaign management (www.welta.ai) — 5-engineer founding team, 3 paying business customers, 10+ live campaigns

- Architected the multi-agent campaign manager, cutting cross-platform performance review from 20 manual minutes to a 5-second query.
- Built LLM-driven creative generation flow for programmatic ad creative, accelerating variant generation by 97% (60+ → 2 minutes).
- Applied reinforcement learning to campaign performance data so budget and targeting adjust automatically across 10+ live campaigns.

DeepWisdom (MetaGPT) | Product Manager Intern Jun 2026 – Aug 2026
Atoms (atoms.dev) — AI website-building agent, 1.2M monthly visits and 70K GitHub stars

- Designed and ran A/B tests routing tailored prompts by user intent archetype, lifting click-through on agent-generated sites by 23%.
- Analyzed a 20,000-user experiment showing style-guidance injection made users 15% more likely to publish, and shipped the feature.
- Ran a 20,000-user experiment validating style-guidance injection, which increased publish rate by 15%, and shipped the feature.

Franklink | Co-founder & Technical Lead Sep 2025 – Apr 2026
The first AI networking agent native to iMessage — 2000+ messages, 500+ introductions among users

- Raised \$50K in angel funding from a Y Combinator China founding team member and set the technical direction for a 13-person team.
- Built the agent on LangGraph with a ReAct loop spanning the back end, data enrichment, and web, ensuring healthy deployment on AWS.
- Led weekly discussions that broke the roadmap into per-engineer tasks and marketing targets, and reviewed progress with the team.

RESEARCH & AWARDS

Migracoast | Independent Machine Learning & GIS Research Jul 2024 – Aug 2025
Coastal climate-risk modeling across nine U.S. states, released as an open-source research tool (github.com/jz0523/migracoast)

- Built a coastal inundation and climate-risk model for nine U.S. states from sea-level, flood, and housing data, serving 6,500+ users.
- Open-sourced the model and its data pipeline, making state-level risk projections reusable by other researchers and coastal planners.

Papers & Presentations

- Presented “The Impacts of Income Inequality on China’s Carbon Emissions” at the International Conference on Economics.
- Modeled Massachusetts coastal vertebrate biodiversity under warming and acidification scenarios using CMIP5 climate projections.

Awards

- Won the Hybrid Intelligence Track at the Start-Up in a Weekend Hackathon, shipping a career counseling agent product in 48 hours (2025).
- Advanced to the final round of the Model Entrepreneur Competition, pitching a marine waste collection robot to a panel of judges (2023).

LEADERSHIP & ACTIVITIES

Wharton China Association, Sponsorship Chair — Lead sponsor outreach for the annual Penn Wharton China Summit. Aug 2025 – Present
Wharton Hedge Fund Club, Global Macro Member — Research and present macro trade ideas to the coverage group. Oct 2025 – Present
Penn Venture Lab, Member — Build alongside student founders in Penn’s early-stage startup incubator. Aug 2025 – Present

SKILLS & INTERESTS

Programming Languages: Python, Java, OCaml, C++, SQL, HTML/CSS, LaTeX
AI & ML: LLM agent architecture, LangGraph, ReAct, reinforcement learning, prompt evaluation, A/B testing, deep learning
Systems & Tools: Full-stack web development, Three.js, OAuth, Git, GIS, SPSS
Natural Languages: English (fluent), Mandarin (native), Japanese (conversational)
Interests: Poker, tennis, squash, guitar, and travel.