

# Yiyang (Selina) Xue

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## Summary

Technical solutions background in designing scalable system architectures and workflow automation across organizational platforms. Experienced in requirement discovery, solution design, and implementation aligned with operational efficiency and growth objectives.

## Education

University of California, Irvine  
B.S. in Computer Science — Expected Spring 2027

## Skills

- **Solutions:** Requirement Decomposition, System Architecture Planning, User & Data Flows, Scalable Automation
- **Integration:** RESTful APIs, Workflow Automation, Zapier, Mailchimp, Imgix, OAuth, SMTP, Hosting Configuration
- **Technical:** C++, C#, Python, JavaScript, Node.js, Flask, Next.js, PostgreSQL

## Experience

**Technical Solutions Developer** Jan 2026 — Present  
Gaspare Foundation (Newport Beach, CA — Hybrid)

- Translated stakeholder objectives into structured web architecture for a 22-page platform.
- Led requirements discussions and executed end-to-end platform customization.
- Managed hosting configuration to ensure reliable deployment and maintainability.
- Delivered iterative updates aligned with evolving organizational priorities.

**Solutions Architect** May 2025 — Present  
Our Clean Oceans (Newport Beach, CA — Hybrid)  
<https://www.ourcleanoceans.org/>

- Defined and led platform redesign aligned with membership growth objectives.
- Designed automated onboarding workflows using Zapier and Mailchimp integrations.
- Developed multi-level referral logic with milestone-based rewards and trigger-driven campaigns.
- Centralized operational data into real-time dashboards, eliminating manual coordination.

**Product Systems Developer** Jun 2024 — Present  
The Gaia Project (Remote)  
<https://www.tgpthegaiaproject.com/>

- Designed structured web platform to present program initiatives, event workflows, and partnership collaborations.
- Implemented streamlined one-page navigation to improve content accessibility and user flow.
- Launched feature updates and optimized site architecture to support SEO and scalability.

**Independent Platform Developer** Apr 2024 — Present  
Pomodoro Pulse (Azusa, CA)

- Developed productivity platform supporting focus improvement through session tracking and timed workflows.
- Implemented Pomodoro timer with persistent session logging and performance analytics.
- Built secure PostgreSQL schema to manage user accounts, custom focus tips, and usage data.
- Integrated OAuth authentication and notification workflows to support user lifecycle management.

## Languages

English — Professional Proficiency  
Mandarin Chinese — Native