

# **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.

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## **Education**

University of California, Irvine

B.S. in Computer Science, Information Specialization — (Expected Spring 2027)

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## **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
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## **Experience**

### **Technical Solutions Developer**

Gaspare Foundation (Newport Beach, CA — Hybrid)

Jan 2026 — Present

- 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**

Our Clean Oceans (Newport Beach, CA — Hybrid)

May 2025 — Present

<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**

The Gaia Project (Remote)

Jun 2024 — Present

<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**

Pomodoro Pulse (Azusa, CA)

Apr 2024 — Present

- 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.
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## **Languages**

English — Professional Proficiency

Mandarin Chinese — Native