

Gabriel Zhang

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EDUCATION

B.S. Informatics, Human Computer Interaction Specialization
University of California Irvine

est. Dec. 2026
Irvine, CA

TECHNICAL SKILLS

Networking & Infrastructure: TCP/IP, IPv4/IPv6 Subnetting, DNS, DHCP
Systems & Operations: SCADA/ICS Fundamentals, Network Topology Documentation, NERC CIP Awareness
Languages & Tools: Python, Java, C#, SQL, Git, Figma

EXPERIENCE

Control Systems Operations Support Intern
CenterPoint Energy

June 2026 – Sept. 2026
Houston, TX

- Built an asset visualization dashboard by auditing and cataloging **500+** control system hardware entries to streamline equipment installation workflows for engineering teams.
- Executed physical server installations across enterprise racks, patching Cat5e and Cat6 lines for iLO management and running fiber optic links between network switches and servers.
- Monitored real-time telemetry across **50+** RTUs using EMS State Estimator dashboards, conducting server hardware diagnostics and reprogramming local RTUs in the computer room to resolve communication anomalies.

Technical Content Creator Intern
Netlist Inc.

Jan. 2026 – June 2026
Irvine, CA

- Drafted a project proposal and implementation roadmap after interviewing cross-functional teams to identify daily workflow bottlenecks and communication gaps.
- Prototyped a centralized knowledge repository and authored baseline technical documentation using AI research tools (Perplexity, Claude) to establish a standard reference system for team onboarding.
- Evaluated team software communication tools to reduce redundant information requests across team members.

Photographer & Filmer
Freelancer

Sept. 2024 – Present
Irvine, CA

- Generated over **\$1,000** in revenue by creating original scripts, short films, and multi-platform media content achieving **50,000+** interactions.
- Collaborated with **10+** collegiate athletes and school publication to produce event photography featured in **5+** published pieces.

PROJECTS

TENA (Non-Profit) | Design Lead | Figma, Web Design, Prototyping

Dec. 2025 – June 2026

- Led the design of a responsive and custom landing page to **target a 20% increase** in volunteer interactions by optimizing information architecture and refining a modern visual identity in Figma.
- Secured design consensus from **key stakeholders** by translating ambiguous requirements into prototypes and conducting weekly design reviews.
- Ensured website responsiveness and WCAG 2.1 accessibility compliance by performing contrast audits and iterating on layouts and components for diverse user demographics.

Fusion Information and Computer Science Design | Figma, UI/UX, Branding

Oct. 2024 – May 2025

- Refined team design deliverables using Figma, building a cohesive app brand presented to an audience of **100+**.
- Co-authored a case study documenting design decisions and outcomes to facilitate knowledge sharing and future improvements.