

Justin Zhu

Creative Technologist

mailto:hey@justzhu.com
+1 (626)-391-6711

Education

University of Southern California
Arts, Technology, and Business of Innovation
Dean's Scholar & Dean's List
Aug 2024 - May 2028

Skills

Technology
Python, JavaScript, HTML, CSS, PHP, C++, SQL
Linux, Networking, Docker, DevOps, IoT,
Minecraft

- Full Stack Development
- Server Management
- Enterprise Networking
- System Architect
- Reverse Engineering
- Security Analyst

Art & Design
Figma, Framer, Photoshop, Lightroom
Shapr3D, Blender, Illustrator

- Photography
- CAD Modeling
- Product Design
- Interface Design
- System Thinking

Honors

Winner - ImmerseGT XR Hackathon (2025)
Winner - HWeek Hackathon (2023)
Silver - reFocus Awards (2023)
First Prize - CSP Software Competition (2022)
First Prize - VEX Robotics Asia Open (2022)

The Mind

a business,

Experiences

Guardian Inc.
Sep 2024 - Dec 2024
Onsite, Los Angeles

Lead Engineer
Delivered 4 MVP units to South Sudan and Tanzania. Worked closely with design team and engineers. Developed core system architecture for an entirely-offline LLM deployment with localized vector search of Wikipedia, powered by Radeon RX580.

IME (Zhengzhou)
Co., Ltd
Nov 2023 - Jun 2024
Onsite, Zhengzhou

IT Specialist
Rebuilt corporate network infrastructure from the ground up utilizing Ubiquiti hardware. Enhanced security management via implementation of VPN, MAC filter, and VLAN segmentation. Established 3-2-1 server backup policy.

Projects

Cohort Mural
Sep 2024
Los Angeles

Engineer
Designed and programmed a planar cable suspension robot. Constructed motion system using GCode and Marlin. Built interface kiosks with React and TailwindCSS. Wireless communication via Wi-Fi broadcasted by Raspberry Pi, implemented inter-controller communication via Websocket.

(Individual)
Sep 2022 - Ongoing

Security Analyst
Discovered and reported multiple security incidents regarding IDOR, SQL Injection, and privilege escalation. More than 50 campuses and 450,000 people impacted. In contact with cybersecurity department of USC ITS, Huixin Technology, and Kade Intelligence.

(Individual)
Oct 2019 - Ongoing

DevOps & Networking
Managing clusters of 10+ servers across China, Japan, and United States. Familiarity with Chinese networking challenges. Global low latency (gaming) connectivity via IPLC tunnels, WireGuard VPN, and site-to-site connections.

a product,

originates from love, passion and care. Solving problem is not the sole goal, the item we create should bring people happiness and appreciation. Nothing should be created for the sake of creation and financial gain.