

Huizhirong (Jason) Guo

(+1) 669-214-8407 | jason.ghzr@gmail.com | www.linkedin.com/in/jasonguo1104 | <https://github.com/PlonGuo>

EDUCATION

Northeastern University

Oakland, CA

Master of Science in Computer Science, GPA: 4.0/4.0

Sep 2024 - Apr 2026 (Expected)

Coursework: Distributed Systems, Algorithm Design, Software Engineering, Database Systems, Cloud Computing

Santa Clara University

Santa Clara, CA

Bachelor of Science in Computer Science and Mathematics

Sep 2020 - Jun 2024

SKILLS

Languages: Python, JavaScript, TypeScript, Go, C++, Java Frameworks: React, Django, Gin, GORM, Next.js, Flask, Frameworks: React, Angular, Next.js, Node.js, Express, SpringBoot, Spring Cloud, RESTful APIs, PyTorch, OAuth2 RESTful APIs Databases: MySQL, MongoDB, PostgreSQL, Redis Tools: Git, Docker, Cursor, AWS, Azure, Firebase, Kafka Cloud Services: AWS (EC2, S3, Lambda, RDS, ECS, EKS, ElastiCache, SQS, SNS), Google Cloud Platform

WORK EXPERIENCES

Beijing Gesafe WEALTH Advisory Co., Ltd.

Beijing, China

Backend Engineer Intern

Jun 2025 - Aug 2025

- Developed internal software tools using **Flask, Django** focusing on reusable backend services
- Built **RESTful APIs** supporting daily operations and business workflows for all employees
- Integrated **MongoDB** with **Flask** handling unstructured data flows including logs, dynamic content
- Used **MySQL** with **Django** supporting structured product databases, reporting tools, workflow automation
- Collaborated with front-end, QA, DevOps teams enabling fast efficient problem solving
- Participated in feature planning, backend design reviews ensuring business requirements alignment

Makeform.ai

Remote

Software Engineer Intern

Feb 2025 - Present

- Leveraged **Cursor** AI-assisted coding tool efficiently building **makeform.ai** innovative platform design
- Developed responsive user interfaces with **React, Next.js** ensuring intuitive **UX/UI** devices
- Authored comprehensive Help Center documentation using **Nextra, MDX** within **Next.js** framework
- Strengthened user support resources facilitating content updates enhancing **SEO** through structured URLs
- Leveraged **Nextra's** file-based routing system ensuring intuitive consistent **URL** design optimization

PROJECTS

Go ChatRoom

May 2025 - Jun 2025

- Built **WebSocket-based** chat server supporting real-time messaging, login/logout events, group conversations
- Designed **RESTful APIs** with **Gin, GORM** implemented **Redis** caching efficient queries
- Integrated **Kafka** for message queueing, system decoupling enabling stable **high-concurrency** performance
- Implemented real-time **WebRTC-based** audio/video calling, user authentication with **SMS, SSL encryption**
- Collaborated front-end admin panel using **React, Vuex-like** state management real-time control

Autofillr Copilot

Mar 2025 - Present

- Contributed **Chrome extension** with **Plasmo** framework autofill forms using reusable templates
- Implemented form template system for users frequently registering products enabling **one-click autofill**
- Synced image data with **Google Sync Storage** allowing upload, reuse product images
- Enabled automatic trigger floating buttons on matching pages improving form-filling efficiency

AI Cloud Account System

Apr 2025 - Jun 2025

- Implemented user request interception using **interceptors, ThreadLocal** efficiently managing user context
- Ensured consistent user authentication across request lifecycle enhancing security and user experience
- Designed scheduled tasks for offline reconciliation leveraging **Server-Sent Events (SSE)** persistent connections
- Facilitated asynchronous real-time reconciliation integrated with **large language models (LLMs)**
- Utilized **Redis distributed locks, transaction management** ensuring atomicity, consistency preventing concurrent conflicts
- Integrated **SSE technology** with **LLMs** building intelligent financial assistant automatically addressing inquiries
- Implemented **Snowflake algorithm** using **Redisson** generating globally unique IDs in distributed environment