

Jiacheng Zhuo

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EDUCATION

University of California, Irvine

Master of Software Engineering

Irvine, CA

Sep 2024 – Dec 2025 (Expected)

NingboTech University

Bachelor of Science in Finance; Average Score: 88 / 100

Ningbo, China

Sep 2019 – Jun 2023

University of Indianapolis

Bachelor of Science in Finance (Joint Program); GPA: 3.7 / 4.0

Indianapolis, IN

Sep 2019 – Jun 2023

EXPERIENCE

Software Development Engineer Intern

YuanBio Venture Capital

Jun 2023 – Sep 2023

Suzhou, China

- Develop a points redemption mall application using the **Python Django** web framework. Achieved a **20%** increase in user engagement by implementing critical features, including user models, category structures, a diverse product catalog, and an efficient shopping cart system.
- Spearheaded the deployment process by orchestrating the application's migration onto **AWS Elastic Beanstalk**. Ensured data reliability through **RDS Postgres DB**, reducing data retrieval time by **15%**. Efficiently managed media assets via **S3 Bucket**, resulting in a **40%** decrease in media loading times.
- Implemented a new interactive rating system, driving a **35%** increase in customer feedback submissions. Ensured seamless order processing, resulting in a **25%** reduction in order processing time. Orchestrated an intuitive order management system that contributed to a **15%** decrease in user-reported order errors.

Investment Data Analyst Intern

CreditEase—Peakvest Private Equity Fund

Jul 2022 – Sep 2022

Beijing, China

- Responsible for web crawling tasks, extracting over 5,000 data sets across multiple industries for analysis, screening data and applied Python and R to enhance the visualization of results.
- Conducted thorough modeling of financial data, managing pricing tests for various financial instruments. Achieved an approximate 25 percents improvement in accuracy, demonstrating a keen attention to detail and analytical prowess. Assisted in analyzing and testing strategy algorithms and data reports. Played a key role in the implementation of quantitative models for strategy execution, contributing to the optimization of financial processes.

PROJECTS

TouKeepch | JavaScript, C++Next.js, React, Docker

Sep 2023 – Present

- Developed a dynamic web application using **Next.js**, achieving a 20% increase in user engagement through seamless real-time messaging powered by **Pusher**. Implemented key features included message translation, file sharing, voice/video calls, and customizable themes.
- Integrated **Tailwind CSS** for streamlined UI design, implemented client-side form validation with **React**, and managed server error handling using **react-toast**.
- Ensured secure user access through robust credential authentication, supporting Google and GitHub accounts with **NextAuth**. Enabled file and image uploads using **Cloudinary CDN**, allowing users to seamlessly share media within the messaging platform

EasyCloud | Vue 3, Java, Spring Boot, MySQL, Redis, FFmpeg

Sep 2023 – Present

- Developed user authentication (including SMS, email, etc.) in the My Cloud function, optimized batch upload and batch operation of files, and provided comprehensive tools for file and user management, including space allocation and system settings configuration.
- Developed Facilitated file sharing through unique share codes, allowing recipients to view and preview shared files in the external sharing function. Developed the function of saving external shared files.
- Added features to improve user experience. Video Streaming: View videos directly within the platform. Cloud Transcoding: Convert file formats for compatibility and streaming.

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, JavaScript, SQL, MATLAB, R

Frameworks & Tools: Spring, Django, Node.js, Angular, React, GIT, Docker, AWS, Prisma, MongoDB