

Haonan Guan

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SUMMARY

Master's degree in Computer Science with 2.5 years of full-stack programming experience. Proficient in Spring Boot, Node.js, Express, jQuery, and React. Extensive background in VC, specializing in investment analysis and due diligence. Demonstrated leadership by managing a team of interns to assist 100+ startups in refining pitch decks for improved presentation quality. Committed to driving innovation and enhancing business performance

EDUCATION

Stevens Institute of Technology

Hoboken, NJ

Master of Science in Computer Science, GPA: 3.97

2022 - 2024

- Courses: Data Structure, Algorithms, Database Management System, Java Programming, Web Programming

George Washington University

Washington, DC

Master of Science in Finance

2014 - 2015

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, C, SQL

Database: MongoDB, MySQL, PostgreSQL

Back-end: Spring Boot, Express, JWT, Go, Hibernate

Tools: AWS, Google Cloud, Docker

Front-end: jQuery, AJAX, React, Angular, Ant Design, Bootstrap, HTML, CSS

PROJECTS

Web-based Learning Platform | *JavaScript, Express, jQuery, AJAX, HTML, CSS, MongoDB*

- Led and implemented a web-based learning platform using JavaScript for full-stack development, empowering faculties and students to create, modify, and share educational contents
- Implemented register/login system with Node.js and Express, ensuring user authentication and authorization with express-session for session management and custom middleware for role-based access
- Built dynamic overview page allowing users to manage profile info using JQuery, AJAX for smooth updates, MongoDB for profile storage
- Integrated AWS S3 for secure storage of user photos, enhancing profile management and platform's user interface

Online Order Platform | *Spring Boot, JavaScript, React, Ant Design, AWS RDS, AWS App Runner*

- Implemented Rest API via Spring MVC for user registration, menu searching, ordering, and checkout
- Architected the project with a clear separation of concerns into controller, service, and repository layers, utilizing dependency injection for enhanced maintainability
- Built the client-side with ReactJS and Ant Design to allow users to add items to shopping cart and place orders
- Employed Spring Security for session-based authentication, enhancing security against malicious attacks
- Integrated Spring Data JDBC to connect with a PostgreSQL database hosted on AWS RDS, managing data for menus, restaurants, and more
- Containerized the project and deployed it on AWS App Runner, improving scalability and accessibility

AI-based Social Network | *Java, JWT, Go, Google Cloud, React, HTML, CSS, Elasticsearch*

- Designed and implemented an AI-based social network application with React JS, leveraging OpenAI's DALL-E 3 for post creation and updates
- Enhanced authentication by implementing a token-based registration, login, and logout flow with React Router v4 and server-side authentication using JWT
- Deployed a scalable web service in Go on Google Cloud to efficiently manage and handle posts
- Integrated Elasticsearch on Google Cloud for advanced search functionality, allowing users to search and list posts

EXPERIENCE

Investment Principal

Mar. 2016 – Jan. 2023

QUAKE CAPITAL - VC fund with accelerator programs that invest in early-stage startups

New York, NY

- Led a team of two to streamline and automate Quake's deal sourcing and due diligence processes, significantly increasing the efficiency of the selection process
- Conducted comprehensive due diligence on thousands of startups, offering professional insights to the Quake team to support high-quality, informed investment decisions
- Screened 15,000+ applications, evaluated 1,200+ ventures, and closed 100+ investments with a net IRR of 19.76%
- Negotiated terms, including valuation and liquidity time, with candidates for the accelerator, and constructed cap tables for founders, ensuring candidates' qualification in 160+ deals