

Jing Li

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EDUCATION

Georgia Institute of Technology

Master of Science in Computer Science

Atlanta, GA

Jan 2023 – Dec 2024

Jilin University

Bachelor of Science in Computer Science

Changchun, China

Sep 2014 – Jun 2018

TECHNICAL SKILLS

Languages: Java, Kotlin, Python, C/C++, C#, SQL, JavaScript, HTML/CSS, Scheme

Frameworks: React, Node.js, Flask, JUnit, FastAPI

Developer Tools: Git, Google Cloud Platform, Android Studio, VS Code, Visual Studio, PyCharm, IntelliJ, Docker

Libraries: pandas, Matplotlib, NumPy, TensorFlow, PyTorch

WORK EXPERIENCE

Technical Project Manager

Nanming Market Supervision Bureau

Oct 2018 – Sep 2021

Guiyang, China

- Led agile development of a suite of four apps (3 Android, 1 web) to enhance enterprise social services, achieving 20,000 active users.
- Gathered and defined client requirements, managed stakeholder expectations, and provided detailed documentation for development teams.
- Coordinated and oversaw testing activities to ensure high-quality software releases. Configured and optimized data visualization tools to align with project requirements, improving system performance and efficiency.
- Directed UI/UX design for Android and web apps, refining visualizations based on feedback, and improving user engagement and satisfaction.

Software Test Engineer Intern

YeePay Co LTD

Jul 2018 – Sep 2018

Beijing, China

- Developed an automated service for daily unit tests on B2C payment systems, reducing bug identification and fixing time.
- Authored comprehensive test plans and cases for new features, significantly expanding test coverage.
- Conducted white box testing, code reviews, and functional testing, leading to improved code quality and fewer post-release issues.

SELECTED PROJECTS

FileOps | C++

Sep 2023 – Dec 2023

- Developed RPC services with gRPC and protocol buffers for remote file operations (fetch, store, list).
- Enhanced GETFILE server into a web proxy using libcurl to translate requests into HTTP calls.
- Implemented a cache server with shared memory IPC for file transfer and used IPC mechanisms for request handling.
- Applied a weakly consistent cache strategy and built a basic distributed file system for improved efficiency.

JobMatcher | UML Diagrams, Figma, Kotlin, Android Studio

Jun 2023 – Aug 2023

- Developed a job offer comparison app with data entry, search filters, and ranking features, using local storage for offline access.
- Applied the Waterfall methodology for software requirements, design, development, and testing phases.

Alternakraft | JavaScript, CSS, HTML, MySQL, PHP, Apache

Feb 2023 – May 2023

- Developed a full-stack web application for a nonprofit organization to collect, manage, and report data on alternative power sources in U.S. households.
- Implemented a MySQL relational database to store and manage large datasets, ensuring data integrity and availability.
- Used PHP and Apache for back-end development, handling user requests, data validation, and communication with the database.
- Developed the front-end using HTML, CSS, and JavaScript, providing an intuitive and responsive user interface to submit data and view reports.