Qingxia Lin (Quellas)

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EDUCATION AND HONOR

Old Dominion University   Norfolk,Virginia

Master of Science;   May.2022-May.2024(Expected)

Major: Computer Science; Current GPA: 4.0

PROGRAMMING SKILLS

- **Languages**: Java, C++, Python, SQL, Javascript, Html/CSS, Xml
- **Technologies**: SpringBoot, Hibernate, Maven,Redis, REST, mySQL, MongoDB, Git, Linux,Vue
- **Programming:** Object-oriented programming, Network programming,Web service programming

Work Experience

- **Software Developer Co-op** | Intact Insurance Specialty Solutions   May.2023 - Present
  - Created and executed over 500 unit tests to enhance the stability of the legacy rating feature.
  - Identified and resolved issues within the legacy project code, improving functionality and performance by 5.1%.
  - Developed an automated JSON payload generator using Jackson, simplifying the process for developers to test the quote feature effectively,reduced testing time by 20%.
  - Collaborated with team to modernize policy writing system leveraging the Hibernate framework,optimizing SQL queries for improving system performance.

IT PROJECTS

- **LeadNews News Feed App**   Jan. 2022 - Mar. 2022

  An app that recommends news information to users based on user preferences.
  - Developed the back-end media and management system using Spring Boot and Spring Cloud framework.
  - Utilized Kafka to implement real-time data processing and notification system for higher performance.
  - Indexed cold data and news data by using ElasticSearch to ensure cold data and news query performance.
  - Utilized FastDFS as a static resource storage, and implement functions of static resource caching andremoval.
  - Utilized Zookeeper to maintain the coordination of big data nodes to improve the high availability of thestorage layer.

- **Tanhua Dating App**   Aug. 2021 - Nov. 2021

  Back-end System for online dating app
  - Utilized MongoDB geo to implement geographic location query that allows user to search nearby people.
  - Designed relational database for massive data storage through MongoDB.
  - Applied Apache Dubbo as the microservice for intelligent load balancing.
  - Utilized Redis cluster to achieve high availability of cache that helps apps load faster.
  - Wrote Unit test and Deployed build for instant messaging with cloud service.

- **Healthcare Management System**   May. 2021 - Jul. 2021

  Back-end System for healthcare membership management
  - Implemented login and authorization function by using SpringSecurity.
  - Utilized Apache Poi to read data from files and generate user appointment data to file.
  - Applied mybatis for uploading and storing data to SQL server.