Zhuoxi Wang

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Available: May 1,2024

EDUCATION

Northeastern University, Seattle, MA   Sept. 2023 – Present
Khoury College of Computer Sciences Expected graduation: May 2025 Candidate for a Master of Science in Computer Science GPA: 4.0/4.0
Related courses: Programming Design Paradigm, Algorithms, Web development, Scalable distributed system

Hebei University of Technology, Tianjin,CHINA   June 2022
  Bachelor of Engineering in Information Technology, GPA: 9.33/10.0
  Related courses: Linear Algebra (95), calculus (95), object-oriented Programming (93), practical Database System (93), algorithm (93), Data Structure (97), Mobile Development (100), Graduation Project (A), Software Engineering (97), Python (93), C++ (96), Java (95)

TECHNICAL KNOWLEDGE

Languages:	Java, C, C++, Python, JavaScript
Databases:	MySQL, MongoDB, ABAP
Web technologies:	HTML, CSS, PHP, React

WORK EXPERIENCE

Ebay, ShangHai,CHINA   Feb 2023 – May 2023
  Software Development Engineer Intern

• Assist in completing advertising optimization strategies. In order to enhance merchants' confidence in advertising, analyze the predicted advertising conversion rate and actual advertising conversion rate, report to merchants, and provide advertising optimization suggestions to help merchants optimize advertising strategies.

• Participate in the development of unit testing of the eBay ad recommendation platform to ensure the stability and reliability of ad optimization strategies and ad-related functions. Use Scala to write relevant unit testing frameworks to effectively identify and fix potential problems, improving code quality and product reliability.

• Participated in the development of the advertising recommendation algorithm platform. Since the training of the advertising recommendation algorithm is based on large-scale historical data, in view of the real-time requirements, real-time data and offline data models are combined through Spark and Hadoop, thereby improving the accuracy of the advertising algorithm. Advertising conversion rate to enhance the accuracy and effectiveness of advertising recommendations.

• Assist QA to complete relevant testing of data models, identify and record found errors, and connect with the testing team to locate and analyze the root cause of the problem, submit error reports, and verify the effectiveness of the fix after error is fixed.

PROJECTS

A high-performance, high-concurrency mall system   Jan 2023 – Oct 2023

• Developed user account management features, enabling users to create accounts, log in, and manage their personal information effectively. We adopted a modern technology stack to achieve this, with React for the frontend and Node.js for the backend,

• Implemented the end-to-end payment flow, including payment initiation, processing, and order confirmation. Used PayPal's API and SDKs to ensure a smooth integration process, guaranteeing that users could make payments conveniently.

• Implemented a product search and filtering system using Elasticsearch, a powerful search engine technology.

• Used RocketMQ to implement asynchronous processing of order events. When a user places an order, the system sends the order information to a RocketMQ queue. significantly improved the system's scalability and responsiveness.