

Weilan Yu

Software Developer

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Education

Computer Science, University of California, Los Angeles

Summary

- Worked on the complete SDLC including creating, design, documentation, development and unit testing of applications.
- Motivated to produce performant and robust software; highly passionate about programming.
- Familiar with life cycle of software development.
- A team player.
- Strong in developing RESTful APIs using Java to offer an easy and safe way to build high performance and scalable network application.
- Implemented and enhanced CRUD operations for the applications using the MVC (Model View Controller) architecture of Rails framework and Ruby, as well as conduct code reviews.

Projects

Markdown Blog - Technologies: MEAN

- I am responsible for the design and implementation the application using MongoDB, Express, Angular and Node.js
- Features include user authentication, post editing and post reviewing in Markdown.

E-commerce Website — Technologies: Java

- I am responsible for building database Model, APIs, and interaction with front end by using Java, Servlet, and JSP.
- Features include user management and order management.

News Credibility Checker - Technologies: Ruby

- I am responsible for AWS Deployment, Rails front-end creation, and interconnection with backend
- Features include user authentication, interaction with other users, news credibility check and result saving.

Android Chat Application - Technologies: Java

- I am responsible for developing controller classes for accepting REST endpoint request and handle user data by issuing read or write via Firebase Database
- Features include user authentication, private one-to-one chat and global chat.

Languages/Frameworks

- Java
- Python
- C/C++
- Rails
- MEAN

Technologies

- HTML5
- SQL/NoSQL
- Android

Knowledge

- Design Patterns
- Object-Oriented Programming
- Functional Programming
- Android