

Weilan Yu

Software Engineer

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weilanyu.herokuapp.com/

Education

Computer Science, University of California, Los Angeles

Graduated - December 2020

Summary

- Worked on the complete SDLC including creating, design, documentation, development and unit testing of applications.
- Implemented and enhanced CRUD operations for the applications using the **MVC** (Model View Controller) architecture.
- Strong in developing **RESTful APIs** to offer an easy and safe way to build high performance and scalable network application.
- Familiar with **Spring** framework.
- A team player.

Languages/Frameworks

- **Java**
- Python
- C/C++
- Javascript

Technologies

- HTML5
- CSS
- **SQL/NoSQL**

Work Experiences

SnapCheck - Software Engineer Intern

10/2020 - present

- Designs and develops a high performance micro service for company's payment widget by using **Java** and MongoDB as main technologies.
- Migrate Java Keystore to Hashicorp Vault for better application security.
- Work collaboratively with UI, front end and testing team to ensure high quality of presented product.
- Coordinates configuring, designing, developing, and documenting specifications throughout the project lifecycle.

Knowledge

- Design Patterns
- **Object-Oriented Programming**

Projects

Online Bookstore Website - Technologies: Java, Servlet, JSP, Junit, Tomcat

- A sophisticated, functioning e-commerce website that sells books.
- I built the database Model, APIs, and interaction with front end.
- It provides a front-end that allows the customers to browse and purchase books, and a backend management panel for employees to manage all modules.

Markdown Blog - Technologies: Node.js, MongoDB, Angular, Express

- A markdown based blog that let anyone read blogs written by users through public URLs and let our registered user create and update their own blogs.
- I design and implement the application using MongoDB, Express, Angular and Node.js
- Features include user authentication, post editing and post reviewing in Markdown.

News Credibility Checker - Technologies: Ruby

- A news credibility checker that allows a user to check the credibility of an article for distinguishing fake and real news article
- By using different technologies to improve the performance of our web app, I increase the load tolerance by 150%.