

# Dexin Wang

## Software Engineer/ Full Stack Engineer

### Summary

**H1B holder, Master Degree**, a results-driven and customer-focused **Software Engineer** with **3 years** hands-on experience for analyzing requirements, designing structures, and implementing functions. Have a wide range of project experiences focused on Web Applications and Database Developments. Excel in **requirement abstraction, modular construction, algorithm solving, database optimization, and learning new technical skills**.

### Personal Info

🏠 San Luis Obispo, California

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### Education

#### University of Oregon

Master of Computer Science, June 2017

Bachelor of Computer Science, June 2015

### Skills

#### Programming Languages:

Java, C#, Python, JavaScript, jQuery, AJAX

#### Database Servers:

SQL SERVER, MySQL, Oracle DB, MongoDB, FireBase

#### Cloud Service:

Google App Engine, Computer Engine, Amazon Ec2, S3

### Certification

MSCA: SQL 2012 / 2014

MSCA: SQL 2016 BI Developer

## Work Experience

### Software Developer, Horizon Tire Company, Greater Los Angeles, CA

Oct 2019 – Now

An auto tire distributor focused on E-Commerce and wholesales.

- Developed an E-Commerce Fulfillment software in C# language to process orders from Teaplix which is a middleware to integrated orders from Walmart and Amazon.
- Customized web-based ERP systems for accounting, purchasing, and inventory management implemented by Ant Design and .Net Core.
- Designed Restful APIs to exchange wholesales orders in .Net Core framework and MVP pattern.
- Deployed SQL Server Reporting Service to generate Sale Performance Report that increased 15% sales in Walmart.

### Software Developer, Sun West Mortgage Company, Greater Los Angeles, CA

March 2018 – Aug 2019

A mortgage service supplier for borrowers, brokers, and other lenders.

- Analyzed user requirements to developed web-based Loan Management applications in Java programming language with agile methodology.
- Reconstructed moveable and extendable modules to optimize systems that used Beans container in Java Spring framework.
- Created a concurrency API Distributer to integrate existing APIs that implemented by Java Servlet component.
- Designed a Data Change Handler system that reduces 70% time to centrally monitor loan changes in loan applications.

## Personal Projects

### TicketMan: [Link](#)

The project provides event ticket search and recommendations with location-based services.

- Created Java servlets with RESTful API to handle HTTP requests and responses.
- Designed MongoDB to store data from TicketMaster API and use MapReduce for algorithm calculation.
- Designed algorithms to implement recommendations based on geo-location and action history.
- Deployed the project to EC2 with basic configuration and confirmed the ability to handle 140 queries using Apache JMeter.

### IMDB-Learning: [Link](#)

A classification to predict the movie ranking score with three benchmarks: accuracy, time cost, and mean error.

- Pre-analyzed classified attributes with Weka to choose 3 stable algorithms and 3 unstable algorithms.
- Cleaned data via data filling, tuple deduplication, and feature deletion that gained 30% accuracy.
- Filtered useful Stand Score Normalization and Bag-of-words transformation which obtained 42% accuracy.
- Built an ensemble by Bootstrap Aggregating which utilized 6 algorithms and achieved 43% accuracy.