

Dexin Wang

Summary

A results-driven and customer-focused Software Engineer with 2 years hands-on experience for analyzing requirements, designing structures, and implementing functions. Excel at solving data structure problems and learning new technologies. Expert in Java, Python, and SQL with database design and optimization. Earn multiple MSCA certifications.

Personal Info

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Education

University of Oregon, CS Major

Master of Data Science, June 2017

Bachelor of Data Informatic, June 2015

Skills

Programming Languages

Java, Python, C#, JavaScript, jQuery, AJAX, JSX, C++, Objective-C, PHP

Database Servers

SQL SERVER, MySQL, MongoDB, Google FireBase

Libraries

React, Scikit-Learn, Weka

Software

Eclipse, Visual Studio, Xcode, IntelliJ, Android Studio

Certification

MSCA: SQL 2012 / 2014

MSCA: SQL 2016 BI Developer

Working Experience

Web Developer Intern, Trading Co., Los Angeles, CA

Nov 2017 - Present

- Implemented new features with JavaScript, HTML, CSS, and PHP.
- Create Stored Procedures for integration and showed on Power View.
- Maintained the website and data to increase usability.

Database Developer, Microsoft Field IT, Beijing, China

Sep 2007 – Aug 2009

- Designed relational, analytical, historical databases on SQL Server.
- Daily maintained database instances with DMO and EP.
- Hastened performance by optimization increased efficiency by 18%.

Personal Projects

TicketMan:

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

- Implemented Java servlets to handle HTTP interactions supported by MySQL and MongoDB with data from TicketMaster API.
- Designed algorithms to implements event recommendation by geography location, search history, and favorite records.
- Deployed project to EC2 with handles 150 queries per second tested by Apache JMeter.

MomentSharer:

LBS based Android App for travelers or residents to share events.

- Created Android App for user to post events and display nearby events by referenced Google Map API.
- Utilized Google FireBase to handle UGC with highly performance.
- Integrated Google AdMob to display ads and keep users engaged.

IMDB-Learning:

The Primary goal is to predict the rating for each movie with classification and 6 algorithms.

- Involved in analyzing data focused on accuracy, time, mean errors.
- Converted features followed by Bag-of-Words to check overfittings.
- Used ensemble methods via algorithms gained 43% accuracy.

NBA Player Report:

A web dashboard to show individual player's shot data.

- Implemented linked highlighting among all charts using raised common React state among charts.
- Created a field goal percentage filter to provide more detailed visualization areas with made shots.
- Developed a match filter to more specifically visualized states for home, away, win and lost matches.