

## **Yuan Zhang**

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## **Work Experience**

### **Senior Software Engineer @ SMS InfoComm**

Mar 2017 - Present

- Main stack: C#(.Net Framework and .Net Core), Angular, SQL Server
- Maintain and fine tune Database to optimize performance.
- Architect, develop and deploy applications in both Web, Winform, console and library.
- Guide, mentor and led junior team members to finish their tasks.
- Assist manager and supervisor to strengthen the whole team.
- Maintain, debug and improve old projects.



### **Headset Tester @ Brook Consultants Inc.**

Jun 2016 - Feb 2017

### **Data Analyst @ MAG Retail Group**

Oct 2015 - Jun 2016

## **Projects**

### **BI Platforms**

- Developed report platforms using Angular/.Net core(Web API) for web and .Net framework for desktop.
- Implemented and deployed Web API with C# Net Core to retrieve data from DB and handle http requests.
- Implemented a non re-deploy way to configure and control reports by XML files.
- Multiple ways(e.g. login module) to secure data and various ways(e.g. chart/table) to present the data.

### **Foundation library for Team**

- Built and tested an all-in-one library which covers 95% team daily development tasks.
- Deployed different version in [Javascript](#) and [C#.Net](#).
- Applied multiple design patterns to speed up the development process and extend the scalability.

### **Email Report Apps**

- Developed and deployed .Net Framework console apps in C# to deliver reports through email.
- Created own functions and used 3rd party libraries to generate charts and pivot tables.
- Implemented reports into html/css in email.

### **Database Optimization**

- Developed dedicated tool in C# to sync data from production DB at multiple time intervals.
- Set up tables, indexes, views, store procedures, triggers, types and functions to optimize DB performance.

### **Miscellaneous**

- Developed and maintained printing service app (in PHP and C#).
- Developed and launched a new [official website](#) in JavaScript/HTML/CSS and Bootstrap template.

## **Technical Stack**

**Front-End:** Angular • TypeScript • JavaScript • HTML • CSS • PHP • JQuery • Bootstrap

**Back-End:** C#(.Net Framework and Core) • SQL • Java • Web API

## **Education**

**Master in Information Technology and Management @ University of Texas at Dallas**

Aug 2013 - Jun 2015