

# Kevin Zhu

## **.NET Developer**

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## Work Experience

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### **.NET Developer**

ANTRA, INC - Dulles, VA  
July 2017 to July 2019

Worked as a full stack software engineer at NCDR Data Collection & Quality Platform Project for the client American College of Cardiology (Washington, DC)

- Worked in Agile Scrum methodology where user stories are completed in sprint cycles and participated in various meetings like Daily Stand-Up Meetings, Sprint Planning Meetings, Sprint Retrospective Meetings to accelerate the development process.
- Developed an ASP.NET Core 2.0 application in Visual Studio 2017 using the test-driven development (TDD) approach.
- Led the development of whole reporting functionalities. Generated four versions of reports (Excel, PDF, Web, and XML). Used Three-Layer structure and wrote LINQ expressions in Repository Layer to get the data (LINQ to Object). Wrote anonymous functions (lambda expressions) to deal with the data list in Business Logic Layer.
- Created Web APIs for Reporting Project using ASP.Net Web Services, which was called as Web Client in Main Project, and allowed new projects to consume reporting functionalities, which made Report part reusable and maintainable.
- Collaborated with UI Developer to build the new responsive-web-designed workspaces, which used Foundation Framework, and revamped the legacy system into new workspaces.
- Implemented various types of validations, like client-side validation (jQuery), server-side validation (Model State), and model-level validation (Data Annotation).
- Implemented Dependency Injection with constructor injections for loosely coupled components.
- Used Entity Framework 6 (code-first) approach to extract the data from database, update the data, and save the data to database. Also, audited users' activities using EF6, and generated audit log info in DB.
- Wrote JavaScript/ jQuery codes to add event handlers to DOM trees. Also, made Ajax calls to send and retrieve data from server asynchronously.
- Performed Alpha Test before codes deployed to stage environment. Also, helped QA team perform Regression Test every sprint in release environment.
- Environment: ASP.NET Core 2.0, Visual Studio 2017, SQL Server 2014, C#, jQuery, Ajax, JavaScript, Foundation Framework, Entity Framework 6, LINQ, Web API, Agile (SCRUM) and Alpha Test.

### **Teaching Assistant & Research Assistant**

UNIVERSITY OF FLORIDA - Norman, OK  
August 2014 to May 2017

Teaching Assistant, Business Programming (C#, JAVA) & Business Systems Design (UML)

- Teaching Assistant, Computer Information Systems (Tutoring students EXCEL, ACCESS)
- Research Assistant, Replication Study of Website User Satisfaction using JAVA, HTML, JS

### **Data Analyst Intern**

LENOVO - BEIJING, CN

November 2012 to January 2013

Extracted data from Lenovo database, cleaned data by VBA, processed data by EXCEL, and generated data reports to the manager.

- Updated and maintained Host-Lost Database, Accessory Database and New-Product Database, and generated database reports to the manager.
- Helped colleagues collect new product data, modeled in EXCEL, analyzed the model and made forecast of the new product. Awarded by manager for strong EXCEL skills.

### **Website Developer Intern**

BAIYOU NETWORK TECHNOLOGY CO., LTD

December 2009 to February 2010

Maintained and updated Baiyou's official website in JAVASCRIPT+SQL SERVER.

- Met a client, Yugou Primary School, figured out its requirements, developed the database on MY SQL, and developed the website using PHP with APACHE.
- Developed the website for our class in college by Dreamweaver using HTML.

## Education

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### **Master of Science in Management of Information Technology in Management of Information Technology**

MIT

May 2017

UNIVERSITY OF Oklahoma - Norman, OK

August 2015

### **Master of Science in Information Systems & Operation Management in ISOM**

UNIVERSITY OF FLORIDA - Gainesville, FL

August 2013 to May 2015

### **Bachelor of Management in Information Management & Information System in MIS**

CENTRAL UNIVERSITY OF FINANCE AND ECONOMICS - BEIJING, CN

August 2009 to June 2013

### **oil & gas production**

Baylor University

2009

## Skills

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.net, Microsoft visual studio, Visual studio, Api, C#, WCF, MVC, ASP, WPF, Angular

## Additional Information

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### Technical Skills:

- Programming Language: C#.NET, VB.NET, C, JAVA, Python, T-SQL, VBA
- .Net Technologies: ASP.NET Core 2.0/1.0, ASP.NET MVC5, .Net Framework 4.5/4.0/3.5, Web API, WCF, Web Forms, Entity Framework, ADO.NET, LINQ
- Web Technologies: JavaScript, jQuery, AJAX, CSS3, HTML, HTML5, Foundation Framework, Bootstrap, Angular JS
- IDE Tools: Microsoft Visual Studio 2017/2015/2013/2012/2010, SQL Server Management Studio, Eclipse, NetBeans
- Databases: SQL Server 2014/2012/2008
- Methodologies: Agile (Scrum), Waterfall
- Statistical Software: TABLEAU, MICROSOFT EXCEL, MATLAB, R, SPSS, SAS
- Other Software: GIT, TFS, SVN, Unit test, Azure, Fiddler, Postman, SAP, MICROSOFT ACCESS