Fan Zhang

4211 189th St, 2nd Floor, Flushing, NY, 11358 · (631) 742 – 8543 · TonyJohnVan@Gmail.com

OBJECTIVE

Seeking a position as Software Development Engineer.

EDUCATION

Stony Brook University, Stony Brook, New York   Sep. 2011 – Dec. 2012

- **M.S. in Computer Science**, GPA: **3.6**

Xidian University, Xi'an, Shaanxi, People's Republic of China   Sep. 2006 – Jul. 2010

- **B.S in Software Engineering**, GPA**: 3.8**

- **Promoted** to **Graduated School (MSc in Computer Science)** at 2011

SKILLS

Most Frontends were written in **HTML5**, **CSS**, **Javascript**, **jQuery** and **ExtJS**. Recent works done with **Xamarin** and **Unity3D**, using **C#** to make cross platform mobile apps. For the Backend I also write **Java Servlet** and sometimes **PHP** pages, using **MySQL** for **RMDBs** and **HBase** for **Big Data**.

PROJECT EXPERIENCE   Feb, 2013 – Now

Core Developer, of **Irish Hunger Memorial App** for iOS and Android
- App framework design, programmed using **Xamarin Studio** for both **iOS** and **Android** App. Using reusable HTML view for universal content display for fitting all devices' resolutions.

Core Developer, of a internal **Content Relationship Management** HTML App.
- App framework design, **HTML** design and implantation. **RDBMS** design and maintenance, **Java backend** service(including **JDBC**, **API** as Servlet) design, programming and distribute.

Developer, of a **Human Resources Management** iOS, Chrome and HTML App with **SAP**.
- **UML** design, **User-interface** design and implementation, programmed using **Xamarin** to build both **iOS** and **Android** version of the app. **Core function** design and implementation.

- **UI** Design and implementation. Using **Google Script** for **Google Forms, Google Sheet, Google Docs** and **Gmail** Integration. **Chrome Extension** writing with **ExtJS**.

Core Developer, of a **Furniture Visualization** app utilizing **Augmented Reality** with **SAP** integrated.
- User-interface Design, Function design and code implementation, using **Unity3D** and corresponding libraries for making build on both **iOS** and **Android** version.

Developer, of a **Student Dashboard** HTML app based on **SAP** and **Hadoop**.
- **Big Data methods** handling approximately 30 million of records. Backend programming using Hadoop and **Hbase**. Fronted programming using **HTML5**, **CSS** and **JS**.

Developer, of a **Google Glass app** providing technical assistance with **SAP services** fully integrated.
- **Workflow** design, **User Interface** design, 3D Object making and rendering, **AR** library support.

Core Developer, of a **Graphic Organizer** HTML App, part of the **Pearson** education interactive.
- **UML** design, application implemented with **HTML5** and **jQuery**. Function design and implement, including database save and retrieval. The app severed as an individual component of the **Pearson** main app.

Front-end Developer, of a HTML5 natural language processing Application.
- **User-Interface** design and implementation using HTML5, CSS3 and jQuery.

Developer, of project Book Builder, which is a module for **Pearson** Education Application.
- Book item create and browser module design and implementation using **ExtJS**. Design and implement local Database saving and retrieving, and User-Interface design and implementation.

Developer, of online content management system.
- Frontend design and implement using **ExtJS**, **HTML** and **CSS**. Backend design and implement using **Java** Servlet to communicate between HTML frontend and **MySQL** Database.

Project Manager and Core Developer, of online educational games and interactive.
- Interactive design and implement, using **HTML5**, **Canvas** and **jQuery**. **QA** and team resources management.

Core Developer, Design and manage the company's websites
- Continue the design on proposal and build the new company's official website using **Photoshop**, **HTML5, CSS** and **Javascript**.

RELATED PROJECT EXPERIENCE   Apr. 2010 – Jul. 2010

Designer and Developer, of Music Browser System for Beijing Software Industry Promotion Center.
- Designed **Relational Database** and establish it by **MySQL**, designed system interface by **Dreamweaver** and write **JSP** and **Java** code with MyEclipse

OTHER EXPERIENCE

Teaching Assistant of C Programming course in Xidian University   Oct. 2010 – Jun. 2011

- Involved in teaching and Lab directing, reports and exam papers grading and correcting.

Chairman of Internet Department, College of Software Engineering, Xidian University   2006 – 2008

Chairman of Technology Department, Science & Technology Association, Xidian U   2006 – 2007

SOCIAL AND EXTRACURRICULAR ACTIVITIES

Honored guest singer for the OPPO(Co.ltd.) Campus Singing Competition	May 2009
3rd Prize in China Central Television Speaking English Contest of Xidian University	Oct. 2008
Participated in the China Central Television Visual Design Competition and my Graphics Design works were broadcasted by China Central Television.	May 2008
Champion of Science and Technology Contest, Xidian University.	Oct. 2007

INTERETS

Computer Related: Computer Graphics Design, Webpage Design, Logo Design.

Others: Music, Travelling, Singing.