

Fan Zhang

www.TonyJohnVan.com/mycv · 4211 189th St, Flushing, NY · (631)742-8543 · TonyJohnVan@Gmail.com

WORK

Quantilus Inc, New York, NY - Senior Developer

Since Feb. 2013

EDUCATION

Stony Brook University, Stony Brook, New York

Sep. 2011 – Dec. 2012

- **M.S. in Computer Science, GPA: 3.5**

Xidian University, Xi'an, Shaanxi, People's Republic of China

Sep. 2006 – Jul. 2010

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

JOB DUTIES AT QUANTILUS

Feb, 2013 – Now

Consult with clients about software system design and maintenance; design, develop, and modify software systems; develop and direct software system testing; supervise the work of engineering and scientific personnel.

PROJECT EXPERIENCE AT QUANTILUS

Feb, 2013 – Now

Core Developer, of Online PPT Creator for OSG, Quantilus' Client

- **Development and testing a software system** uses **HTML5** making the online PPT creation tool.

Core Developer, of Irish Hunger Memorial App for Battery Park Authority, Quantilus' Client

- **Software System Design, Development and Test.** Framework Design, Developed using **Xamarin Studio** for both **iOS** and **Android** App. Using reusable **HTML** view for universal content display.

Core Developer, of an Internal Content Relationship Management Web App for Quantilus.

- **Software System framework design, development and test, HTML** Front-end design and implantation. **RDBMS** Database design and maintenance, **Java backend** service(including **JDBC**, **API** as **Servlet**) design, programming, testing and distribute.

Developer, of a Human Resources Management (iOS, Chrome and Web App) with SAP for Quantilus

- **UML** design, **User-interface** design and implementation, programmed using **Xamarin** to build both **iOS** and **Android** version of the app. **Software System Module** design and implementation.
- **UI** Design and implementation for **Web App**. Using **Google Script** for **Google Forms**, **Google Sheet**, **Google Docs** and **Gmail** Integration. **Chrome Extension** writing with **ExtJS**.

Core Developer, of a Furniture Visualization System with SAP for Quantilus

- **UI** Design, **Software System** Design and Development, testing. 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 for Quantilus

- **Design and Development of a Software System** using **Big Data methods** handling approx. 30 million of records using **Hadoop MapReduce** and **Hbase**, **HTML5**, **CSS** and **JS**.

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Developer, of an **Assistance Google Glass Software** with **SAP services**, for **Quantilus**

- **Software System** design, **UI** design, **3D Object** modeling and rendering, **AR** library support.

Core Developer, of a **Graphic Organizer Web App**, for **Pearson, Quantilus' Client**

- **UML** design, **Software System** designed and developed with **HTML5** and **jQuery**. The app severed as an individual component of the **Pearson** main app.

Front-end Developer, of a natural language processing **HTML5** System, for **Quantilus**.

- **Software System** design, development and testing using **HTML5**, **CSS3** and **jQuery** for **Web UI**

Developer, of project **Book Builder**, for **Pearson, Quantilus' Client**.

- **Software System** design and development including **Book** item create and browser module, using **ExtJS**. **Local Database** saving and retrieving, **UI design and development**.

Developer, of internal **Online Content Management System**, for **Quantilus**.

- **Software System** design, development and testing using **ExtJS**, **HTML** and **CSS**. **Backend** design and development using **Java** to communicate between **HTML frontend** and **MySQL Database**.

Project Manager and Core Developer, of **Online Educational Interactive** for **Quantilus**

- **Software system design, development and testing** using **HTML5**, **Canvas** and **jQuery**. **QA** and project management, **supervising** team members.

Core Developer, Design and Develop the company's websites for **Quantilus**

- Continue the design on proposal and **development** the new company's official website using **Photoshop**, **HTML5**, **CSS** and **Javascript**.

SCHOOL 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.