Qing Chen

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Summary:

- Experience in **object-oriented** programming, developing, testing and debugging code.
- Experience in **Quality Assurance** with extensive knowledge of automated and manual software testing techniques, tools and methodologies.
- Experience in writing **Test Plans** and **Test Cases** using requirements documents.
- Experienced in creating and executed **SQL queries** in **Oracle**, **MySQL** in order to validate data at the back end.
- Experience in developing automation test scripts in **Selenium RC** using **JUnit framework**.
- Experience in defect tracking tools like **Bugzilla**.
- Experience in project management tool like **JIRA.**
- Experience in **PCB (Printed Circuit Board)** quality testing.
- Keen interest in learning and working with new technologies.

Technical Skills:

Languages	Core Java, SQL, C, C++
Testing Tools	Selenium RC , JUnit, SoapUI
Web Programming	HTML, XML, JavaScript, CSS
Databases	Oracle , MySQL
Platforms	Windows XP/7, Unix/Linux
Methodologies	Agile, Waterfall, V Model
Defect Tracking Tools	Bugzilla, JIRA
Version Control Systems	SVN
Scripting Languages	Java Script
Development Tools	Eclipse, Microsoft Visual Studio, Microsoft Office Tools, Putty

Education:

◇**2010.09-2013.05**   **MSCS**, School of Engineering, Northwestern Polytechnic University, CA

◇**2005.09-2009.06**   **BS, Biotechnology**, School of Life Science, Guangzhou University, China

Project Experience:

◇Participating in the project named "Fall Arm". This project is to create a remote monitoring device to watch

for patient activity and send alert message to caregivers directly on their device upon detection of fall. I am responsible for the database and testing parts.

Development tools: Oracle VM Virtual Box (containing Centos and Ubuntu12.04TLS installed inside), Apache, MySQL, Eclipse, XAMPP, Selenium RC.

◇Designed a simulated clothes shopping database using Oracle Database 11g. This database simulated a real

world database of clothing store.

Development tools: Oracle Database 11g, Microsoft Visual Studio 2010 Ultimate.

Working Experience:

◇**Quality Control and office assistant**   EMSolutions Inc.   2013.02-2013.12

Responsible for the quality of product—PCB (Printed Circuit Board) using AOI machine, microscope, X-Ray and generate quality reports. Preparing and processing documents, doing computer data analysis.

◇**Teaching Assistant**   Northwestern Polytechnic University   2012.09-2012.12

Teaching assistant of course "Software Design and Implementations". Helped the professor to organize class (which has 40 students in this class) and help students with their studies.

◇**Teaching Assistant**   Northwestern Polytechnic University   2012.02 -2012.08

Teaching assistant of course "Object-Oriented Programming in C++". Helped the professor to organize class and helped students with their studies.

◇**Quality Assurance**   Agricultural Standard & Supervisory Center of Guangzhou   2009.01-2009.06

Focused on quality analysis of food and drinks and do the biostatistics to generate quality report.

Awards/ Certificates

◇**2009.06**   Third Prize Innovation Award of Graduation Thesis of Class 2009 of GU

◇**2009.06**   Excellent Award of Graduation Thesis of Class 2009 of GU

◇**2008.04**   First Level Certification of National Computer Rank Examination, China