

Desen Guo

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SUMMARY

Major in Computer Programming with 3+ work experiences. Proficient in JAVA. Looking for an opportunity to join a highly technical team as JAVA software Developer.

SKILLS

- Proficient in JAVA EE, JSF, Servlets, HTML5, CSS3, SASS, JavaScript, JQuery..
- Proficient in Object Oriented Analysis and Design.
- Experience working in agile development.
- Familiar with C#, C++ and PHP.
- Familiar with Framework JAVA EE, ASP.NET.
- Familiar with database development with Oracle, SQL server and My SQL.
- Familiar with Design Pattern, Data Structure and Algorithm.
- Familiar with working environment: Windows, OSX, and Linux.
- Familiar with implementing unit testing with Junit, Nunit and Google Test.
- Knowledge of networking protocols.

PROJECT EXPERIENCE

Freelancer

2015/05-present

- Web application and Restful web service development with JAVA EE framework, JBoss Enterprise Application platform 6, JBoss Developer studio.
- Designed and implemented professional portfolio online with PHP, html5, CSS, sass and JQuery.

Immigration and Refugee Board

2015/03-2015/04

Position: Software QA specialist

- Wrote, maintained and conducted test cases of new IRB intranet system, which had been updated from share point 2003 to 2013.
- Maintained and updated IRB HR tracking system with MS Access.
- Developed 2 new document conversion tools for RIR system with VS 2013, asp.net MVC, entity framework database first, JQuery, bootstrap.

YOU.I Labs Corporation

2014/05-2014/11

Position: Software QA Specialist

Project: Rogers Gladiator

- Involved in an agile development of a mobile application, which provides the service for watching TV episodes and movies on mobile devices.
- Conducted manual testing on UI and usability of product, Logging defects in Confluence JIRA.
- Completed 80+% test cases. Found and logged 200+ critical defects.
- Troubleshoot on Jenkins that is a build server.
- Led QA and developer team into regression testing.
- Built automation testing infrastructure by using “monkey talk”.
- Unit tested “You. I Engine” by using Google test.
- Working environment: MacBook and mobile devices.

CaseWare IDEA Corporation

2014/01-2014/04

Position: Software QA Specialist

Project: Idea New Release

- Involved in agile testing on a desktop application product: Idea 9.1.1. Ensured successful delivery of a high-quality product on time.
- Conducted regression testing, completed 10+ user stories, 300+ test cases and created 100+ defects.
- Managed domain users with Active Directory.
- Working environment: Windows 8 and Hyper-V.

Algonquin College

2013/09-2013/11

Position: Web Developer

Project: EZ-TradeMark Website

- Involved in an agile development of a web application of processing Trademark registration.
- Developed and improved ERD, use case diagram, class diagram with Microsoft Visio.
- Implemented a component to extract, transform and load CIPO data from a plain-text file to MySQL database table with 5 features completed by using JAVA hibernate framework.
- Implemented models including CIPO data model and user model by using PHP.
- Implemented User Account Management module (12 features) and completed by PHP, JAVASCRIPT, HTML and CSS.
- Working environment: Windows 7, VMware and Linux Ubuntu.

CaseWare IDEA Corporation

2013/05-2013/08

Position: Software QA Engineer

Project: Test Run History Tracking

- Involved in an agile development of an internal website – “Test run history tracking”, used by manager to track testing history.
- Implement back-end service application with C#, ASP.NET MVC 4. Create 20+ functions responding Ajax requests.
- Implemented 4 interactive pages with html, CSS, JAVASCRIPTS, JQuery, EXTJS 3.
- Debugged by using Firebug.
- Designed 4 data models and created 4 tables in Microsoft SQL server.
- Working environment: VMware ESX, Visual Studio 2012, Team Foundation Server, IIS and Windows server 2008.

CaseWare IDEA Corporation

2013/01-2013/04

Position: Software QA Specialist

Project: Monitor delivery

- Involved in agile testing on a web application product: Monitor 4.0. Ensured successful delivery of a high-quality product on time.
- Tested on UI and usability of product. Edited test case in Test Track Pro. Writing/Logging defects in Team Foundation Server.
- Completed 350+ test cases and created 180+ defects.
- Participated daily scrum meeting. Reported status and discussed solutions of unsolved issues with team leader and project manager.
- Interacted with developers to investigate defects and verify bug-fixing.

Troika Technology Co. Ltd

2010/03-2011/01

Position: Electrician

Project: Air separation PLC system

- Involved in a development of a large scale Industrial automation control PLC system. The system is used in an air separation plant to monitor and auto controlling air separation process.
- Created CAD drawings for assembly and wiring control panels.
- Perform software installation including Operation system, Siemens PCS 7 and driver of Industrial network card.
- Programmed Siemens s7 PLC to interface with I/O devices.
- Perform hardware installation, configuration and testing including Siemens s7 400 PLC and Distributed I/O (ET200).
- Assist in development of PLC programs by using CFC, SCL, SFC and STL in Siemens PCS 7, and implemented 20+ function blocks
- Experienced with HMI programs using cscript and vbscript in Siemens WinCC, and implemented 2 HMI operation screens.

Troika Technology Co. Ltd

2009/07-2010/02

Position: Assistant Engineer

Project: Harbour oil storage and transportation DCS

- Involved in a development of a large scale Industrial automation control system-Distributed control system (DCS), used by a harbour company to remote monitor and control oil storage and transportation uses the system.
- Performed unit testing during development and feature-testing during system delivery.
- Electrical troubleshooting by using multi-meter.
- Wrote and updated technical documentation.
- Provided technical support services for our client including answering questions via phone and email, and resolving problems via remote assistance.

EDUCATION

Computer Programmer, Diploma

2011 - 2013

- Algonquin College, Ottawa ON GPA 3.76 / 4.0

Electron Engineering, Bachelor's Degree

2005 – 2009

- Sanming University, China Fujian GPA 3.2/4.0