Molly(Yubing) Luo

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SKILL HIGHLIGHTS

- Skilled at web frontend: CSS3, HTML5, JQuery, Node.js and ASP.NET C#
- Experienced with SQL Query, PHP and Java for backend
- Knowledgeable with software development cycle, OOP philosophy and MVC framework
- Effective communication skills

EDUCATION

Bachelor of Software Engineering   Honours, Co-operative Program
University of Waterloo   2009 - 2014

WORK EXPERIENCE

Oracle   Software Engineering Intern
Boston, MA   Jan - Apr 2013, Sept - Dec 2013

- Leader of developing the tablet version of Endeca Information Discovery (EID)
- Full stack developing the tablet version of EID: frontend UI convert; existing data model extension; introduced multi-touch gesture capability
- Assisted on production code reviews and story fixes
- Contributed in the 3.0 release of EID Framework
- Fully redesigned and developed the v3.1 bookmark component of EID
- Investigated the user experience of EID on tablets and made proposals and demos for v3.1 tablet version of EID
- *Worked primarily with Java, JSP, JavaScript, Ext JS, JQuery and Ruby*

Oculys Health Informatics   Mobile Solution Intern
Kitchener, ON   May - Aug 2012

- In charge of the frontend development and UI styling of a multi-hospital referral tracker web application
- Initialized coding for the hospital referral tracker mobile version using HTML5 WebWorks for BlackBerry OS
- Implemented the patients average wait-time graphics in real-time on the wait-times checking website
- Participated in the creation of multi-client dynamic database storage model
- Applied lazy loading to optimize website content loading performance
- Designed the prototype for a patient check-in kiosk which landed a contract worth over $10000
- Created professional documents used for training, documentation and knowledge transfer.
- *Worked primarily with HTML5, JavaScript, JQuery, ASP.NET C#*

MetroLinx   Web Developer Intern
Toronto, ON   Sept - Dec 2011

- Built the internal news announcement website for CEO Bruce McCuaig from scratch

- Developed the internal financial recording web application for the accounting department
- Maintenance and bug fixes for Metrolinx.com and gotransit.com
- *Worked primarily with ASP.NET C#, JQuery*

Christie Digital System Inc.   Software Quality Assurance
Kitchener, ON   Jan - Apr 2011
- Participated in Agile development and created professional software development test documentations and guidelines
- Built and run test script for Christie M Series DLP Projectors
- *Worked primarily with shell script, tortoiseSVN*

OTHER PROJECTS
- Quest class selection toolkit: Helps students check and select their courses upon their Android devices; Version 4.0.x; School project
- FreedomLunch: Designed and developed the e-commerce website for this startup company; Make use of open source framework OpenCart

UNIVERSITY ACTIVITIES
- **Class MathSoc Representative**   2011,2012
  Took the initiative to write weekly email updates to the class. Present bi-weekly Mathematics courses tutorials
- **Campus Mobile Club Executives**   2013,2014
  Organized club members programming sessions weekly. BlackBerry app development introduction.
- **Creekside Church Singer Volunteer**   Spring 2013
  Participated in the worship performing arts as a singer volunteer; Performed singing by church schedule

AWARDS
- Software Engineering Scholarship, University of Waterloo
- Euclid Mathematics Contest ranked 18th
- Computer Science Entrance Scholarship, University of Waterloo
- Campus Mathematic Competition top 10%, University of Waterloo

INTERESTS   Singing, travel, swimming, reading, ice cream