

JUSTIN LAU

3B System Design Engineering
University of Waterloo

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SUMMARY

- Strong knowledge of object-oriented programming and familiar with data structure and algorithm
- Expertise in front-end development of websites and web applications through the use of responsive web design
- Passionate in creating pixel perfect applications with consideration of end user experience

TECHNICAL SKILLS

Web Development:	HTML5, CSS3 (LESS, SASS), JavaScript, JSP
Programming:	Java, J2EE, Spring MVC
Database:	Oracle SQL, MySQL
Application Software:	Eclipse, MS Suite, Photoshop, Dreamweaver

WORK EXPERIENCE

Software Engineer, Audatex, Toronto, Canada Sept. 2013 – Dec. 2013

- Redesigned web application interface with HTML5, CSS3, AJAX and jQuery to improve user experience
- Developed business component (Canadian Taxes) with Java, JavaScript and internal framework for a REST application
- Implemented validation scripts with JavaScript to reduce server requests and improve code base performance

Software Engineer, Audatex, Toronto, Canada Jan. 2013 – Apr. 2013

- Designed and implemented a new Spring based web application for a call center to process requests from clients and vendors
- Enhanced user experience through the use of responsive web design
- Actively participated in daily scrum with development team and product team on software implementation and design

QA Analyst, CGI Group Inc., Markham, Canada May. 2012 – Aug. 2012

- Improved existing templates in HP Quality Center to generate test plans, test cases and defect reports
- Developed a Java utility to improve testing environment workflow

QA Analyst, CGI Group Inc., Markham, Canada Jan. 2012 – Apr. 2012

- Administered and managed defect process with HP Quality Center
- Identified and documented defects through regression testing and manual testing
- Partnered with off-shore members in India to improve an existing defect process

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Web Programmer, C/W, Waterloo, Canada

May. 2011 – Aug. 2011

- Individually designed and developed a bilingual website for the Canadian Index of Wellbeing
- Improved user experience through the implementation of jQuery and mooTools

EDUCATION

Candidate for Bachelor of Applied Science – System Design Engineering

University of Waterloo, Waterloo, ON, Sept. 2010 – 2015 (expected)

Relevant Courses: Digital Systems, Digital Computation, Data Structures & Algorithms, Introduction to Optimization, User Centered Design Methods

Project: **3rd year Design Project: NFC Bike Lock with GPS tracking system**

- Worked in a group of 5 to write a design document to propose initial designs
- Built prototype with 3D printer
- Presented project in Dragon's Den style and achieved a grade of 99%

ACTIVITIES & INTERESTS

Waterloo Science Fiction Club

2012 – Present

- Played in various Mtg card game tournaments

University of Waterloo Chinese Debate Club

2011 – 2012

- Actively participated in debate sessions

University of Waterloo Judo Club

2011

- Learned various self defense techniques

University of Waterloo Orchestra

2010

- Played as second violin

AWARDS

The Duke of Edinburgh's Award Bronze Level

2007

The Duke of Edinburgh's Award Silver Level

2008

Vision Youth Leadership Award Bronze Level

2007

Vision Youth Leadership Award Silver Level

2008