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University of Waterloo | 1B Software Engineering

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SKILLS SUMMARY

- Enjoy taste of **designing** – mobile devices applications (iOS ,OpenGL design), website (user-based , info-based), web applications , graphics & production (film directing, graphic design) and interior design
- Love **websites** – experienced in JavaScript (Backbones, Canvas, jQuery, etc.), HTML5/CSS3, PHP/MySQL-based platform (1 2), Java/Radius through working and personal projects.
- Knowledgeable in object-oriented (Java, C++, Ruby), functional (Python), and low-level (C) programming. Eager and quick to learn skills as seen in previous employment
- Many experiences in using design software (Adobe Photoshop, Adobe Illustrator, Final Cut Pro).
- Fairly in spekaing English / Mandarin Chinese and playing piano.
- Consistently evaluated by past managers as friendly team player (leadership), and having a strong work ethic.

EDUCATION

University of Waterloo, Candidate for Bachelor of Software Engineering, Co-operative Program, Waterloo, ON, 2011 – Present

- Software 2017 Class Representative
- Notable course projects include Programming Principles (C language), Introduction to Data Abstraction and Implementation (C++ language) and Introduction to Software Engineering (Myro Robot project using Python)

Independent Coursework

- Completed the Fundamental of Computer Graphics in University of California, Berkeley Online. Learned OpenGL & 3D design by using C++. 2012
- Candidate of On-demand Software (SaaS) in University of California, Berkeley Online. Learned Ruby on Rail and software development as a service. 2013

WORK EXPERIENCE

Software Developer, TEDxUW, Waterloo, ON, Sept. – Nov. 2012

- Worked on TEDxUW Interactive Display design and develop (HTML5+CSS3, JavaScript, Apache and form-tools)
- Ran and presented the Interactive Display lively during the event

Technical Director, Laurel Academy School, Cambridge, ON, Jan. – July 2012

- Worked as the online learning director assistant. Managed and maintained the website and online system (Adobe Connect).
- Worked on redesigning, scheduling, publishing and maintaining of academy's information-based website, using WordPress (PHP/MySQL) + Google Apps.
- Solved problems of all information and technology fields of school's staff and students such as internet connections, business network and student dropbox solutions etc.

Web Developer, Digital Shift Marketing Inc., Toronto, ON, May – Aug. 2011

- Designed the website and logo for the company (Photoshop, HTML5+CSS3)
- Set up the online marketing information. Learned about online marketing process and principles (Google AdSense)

Graphic Designer, Pure and Noble Inc., Waterloo, ON, Jan. – April 2011

- Designed the graphical works for three of iOS applications (using Instruments, Xcode and Gimp | Objective-C)
- Assisted manager scheduling and setting up the technology company
- Directed an information-based marketing video and many other advertising design

EXTRACURRICULARS

Designer & Web Developer, Simon's Group, 2012 ~ 2013

- Developed a carpool-like website for grossing China' market (Java + Radius + HTML5/CSS3)
- Designed and scheduled for the entire project

Leader, Notes Share Website (2011 2012), 2011 ~ 2012

- Found a website to share notes and information (such as deadline of assignments, countdown of exams) of uWaterloo Software Engineering class (HTML5 + CSS3)
- Received maximum 217 concurrent users, 112,000 hits and 1.7G bandwidth within 1 month; understood how website analysis works

Side Coding Works

- Programmed a simple application (a convertor) for BlackBerry tablet and received a free playbook (Java, 2011)
- Made a Super-Mario-like game in high school computer science class by using JAVA (NetBeans), ranked top 1 in year. (2010)

AWARDS

- Faculty of Engineering Scholarship, University of Waterloo, ON, 2012
- President's Scholarship of Distinction, University of Waterloo, ON, 2011
- Honours for Academic Excellence, Sir John A. MacDonald Secondary School, Waterloo, ON, 2010
- AP Scholar with Distinction, Harbin Normal University School, Harbin, China, 2008