He Nan (Tony) Li

2A Computer Science / Digital Hardware Option • University of Waterloo • 20600783

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SUMMARY OF QUALIFICATION

- Six years of experience in object-oriented programming, algorithm design and software development from lectures, past working experience and extracurricular activities.
- Ability to program with various languages (Java, C#, C/C++, Objective-C, JavaScript, HTML, CSS, Scheme, SQL, Latex, Markdown, Visual Basic).
- Familiar with various development platform (Tomcat, JDBC, Java Servlet, JSP, .Net, ASP.net, iOS).
- Ability to utilize programming tools & systems (Git, Visual Studio, Xcode, Eclipse, command line environment, Windows, Mac OS, Linux).
- Ability to use office software (PowerPoint, Excel, Access); computer literate (Word Per Minute 50).
- Able to learn and work both independently and in a group.

WORK EXPERIENCE

The University of British Columbia Michael Smith Lab   May 2014

Lead Programmer

- Collaborated and brainstormed an idea about an iOS application with supervisors and co-workers.
- Designed and edited the user interface adapting different screen sizes with Xcode.
- Learned Objective-C and Cocoa Touch framework, implemented Application Programming Interface calls from a server, designed multithread logics and local file processing, and created animated transitions with Xcode under Mac OS environment.
- Successfully completed the project before due date with all functionalities present; showcased to both supervisors and teachers; published it to the Apple APP store.
- Wrote and provided detailed progress report with Microsoft Word throughout the developing and publishing process.

White Rock Computer Solution   June 2014 – August 2014

Technician Assistant

- Learned to identify each parts of a computer and its assembly process.
- Learned to use various types of diagnostic software to detect both software and hardware problems.
- Removed virus and malware; installed operating system and software and repaired hardware.

EDUCATION

University of Waterloo, Waterloo, ON   2015 – Present

Candidate for Bachelor of Computer Science, Honors Computer Science / Digital Hardware Option

- **Awards:** President's Scholarship for above 90% admission average; Term Dean's Honours List 2015 & 2016 for above 87% term average.
- **Related courses:** Object-Oriented Software Development, Logic and Computation, Elementary Algorithm Design and Data Abstraction.

Elgin Park Secondary School, Surrey, BC   2012 – 2015

- **Awards:** First Class Honor Roll; Excellence in AP Calculus & Physics 12; First Class GPA Honor Roll; Passport to Education; Award of Merit Scholarship.
- **Involvement:** Designed and developed a Tetris game with other members in the computer club; participated in Canadian Computing Competition and obtained two top 25% distinctions in both junior and senior division.

SIDE PROJECT

WatTask   2016 – Present

- A web application that help users prioritize tasks and establish new habits.
- Learned Tomcat Server web application, JavaServlet, JSP and MVC technology.
- Learned git version control and deployment of Tomcat web application on openshift.com.

Personal blog for lecture notes (http://tonyli.tk/)   2016 – Present

- Learned HTML & CSS for customizing the user interface
- Used Latex and Markdown for day-to-day lecture notetaking

Progressor   December 2015

- A web application that helps users prioritize tasks according to various factors such as due dates
- Independently learned, designed, and maintained an ASP.net web application with C# and Visual Studio
- Managed a MySQL database on Microsoft Azure

Pomodoro Technique Helper   July 2015

- Used .Net framework to develop a windows form application with C# and Visual Studio
- Learned to use various .Net control and technologies such as report viewer, local file IO and multithread