

Hao(Leo) Zhong

Computer Engineering
University of Waterloo

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Technical Skills

- Languages: Java, C++, VB, HTML, SQL, JavaScript, Android developing, VHDL, JSP
- Database: Oracle, MySQL, MyBatis, iBATIS
- Tools: Eclipse, NetBeans, Visual Studio, Tomcat, Quartus, Axure RP, Matlab
- Operating Systems: Linux, Windows

Qualifications

- Knowledge of MVC structure, J2EE, SVN, jQuery, GUI and experience in database design
- Great understanding of Software Development Life Cycle and writing test cases
- Outstanding team player and quick learner with effectively communication skills
- Enhanced problem solving and researching skills in Student Leadership Certificate Program and developed in work and volunteer experiences

Work Experience

- January–current 2017 **Software Developer**, *HubHead Corp.*, Markham, ON.
○ Technology: AngularJS, TypeScript, Spring MVC, PostgreSQL, Java, GitHub, Tomcat, Gradle
- May–August 2016 **Software Developer**, *Yunku Technology Co Ltd*, Qinhuangdao, China.
○ Programed particular functions (such as exam paper creator, exam and user management) for online learning system by using Java, JSP, SQL and jQuery
○ Enhanced database skills by writing MyBatis to add, delete, update and search data from database
○ Developed user interface by JSP and understood HTML, JavaScript and AJAX
○ Understood MVC structure by developing projects from user interface to database level
- May–August 2015 **Marketing Assistant**, *Yesup Media Inc*, Toronto ON.
○ Applied JavaScript knowledge by handling JavaScript inquiries for customers
○ Enhanced database skills by using SQL Server to manage user accounts
○ Improved testing and quick learning skills by participating software development
○ Cooperated and worked effectively with group members in a team of 5 members

Relevant Projects

- April 2016 **Navigation Project.**
○ Programmed by Java language for Android devices to implement a path-finding algorithm which can guide a user to a destination and correcting the user's wrong turns along the way
○ Designed algorithms for tracking user's position on a model of the physical world
○ Improved testing skills by testing the program with unit, system and stress testing methods
- April 2016 **Traffic Light Controller Project.**
○ Designed the project with VHDL to simulate traffic light controller system on Altera FPGA board
○ Developed schematic and VHDL design by understanding logic gates and VHDL language
○ Enhanced combinational and sequential circuits design abilities by designing logic circuits and optimizing state diagrams
○ Improved optimizing abilities by using simulation tools and RTL verification to analyze simulation results
- December 2015 **Web Server Analysis Project.**
○ Programmed by C++ language to handle client requests with different priorities (a light version of Discrete Event Simulation)
○ Improved debugging skills by designing comprehensive test cases and test the program to ensure accurate operation
○ Developed programming and self-studying abilities by learning new grammars and algorithms