

Daocheng Wang(Jasper)

3A Computer Science
Software Developer: iOS/web

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Summary of Qualifications

- Professional experience in iOS and tvOS: Obj-C, Swift, Cocoa-pods, SpriteBuilder, Fabric, Jenkins
- 2 years experience in web app development: Java, Spring, JSP, JS, ExtJS, AngularJS, jQuery, HTML, CSS, Bootstrap, SQL Server, and Oracle
- Advanced knowledge in C/C++/Scheme/Linux/Bash gained through university studies
- Proficiency in tools including Charles, Tomcat, Eclipse, Maven, Ant, Gradle, Git, SVN, CVS
- Enhanced corporate and communication skills developed through co-op experience
- Strong time management skills and self-discipline: keep GPA above 85% all the time

Work Experience

- Sept 2015 **iOS Developer**, *Digiflare Inc.*, Toronto, ON.
- Dec 2015
- Fixed bugs, implemented new features, and deployed iOS Apps including TSN GO, CTV News, CP24
 - Integrated company's projects into internal cocoa-pods which have been re-used by other projects of Digiflare
 - Extended the Google Chromecast library to be included into Digiflare Inc.'s SDK
 - Collaborated with design team and built a tvOS demo App for Charter Spectrum
- Jan 2015 **Application Developer**, *Bank of America Merrill Lynch*, Toronto, ON.
- May 2015
- Involved in full-stack web application development
 - Built a facebook-like timeline web application for clients to see clients' change logs
 - Developed a web application to show graphically the average sql query execution time in different periods, and send alert emails to our team whenever execution time of a query exceeds a limit

Projects

- Mar 2015 **IOS Calculator**, <https://github.com/AttackOnJasper/MyCalculator>.
- Developed the calculator using Swift with memory storage of answers(MC, MR, M+).
 - Enabled auto-layout on different devices and positions
- Dec 2014 **C++ Game: Chamber Crawler**, <https://github.com/AttackOnJasper/ChamberCrawler>.
- Collaborated with a partner to simulate the Dungeons
 - Implemented design patterns including singleton, factory, visitor, observer, template, etc.
 - Designed UI on linux by using Ncurses library and X11
 - Added AI functionality (monster chasing system)

Education

- Sept 2013 **Candidate for Bachelor of Computer Science**, *Co-operative Program*, University of Waterloo, Waterloo, ON.
- present
- Related courses: OOP, Algorithms, OS, Data Structures
- University of Waterloo Dean's Honours List**, both 2013 Fall Term and 2014 Winter Term.

Activities and Interests

- Sept 2014 **Captain**, *Basketball Intramural Team*, University of Waterloo, Waterloo, ON.
- present
- Improved my leadership skills by creating a team environment and utilizing team potential
 - Developed commitment, integrity, and cooperation skills