

# CHRISTOPHER WONG

Computer Science Honors, Co-operative Program, University of Waterloo

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## QUALIFICATIONS

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- Strong analytical thinker with excellent problem solving skills.
- Proficient at communicating information to audiences, regardless of technical background.
- Demonstrated initiative while taking on extra interesting projects.
- Exceptional ability to multi-task in a fast paced environment while meeting tight deadlines.
- Excellent teamwork skills developed while collaborating ideas on projects with co-workers.

## TECHNICAL SKILLS

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Application Development: Python, Java, C++, Groovy, Visual Basic .NET, Objective-C, Visual Basic, TCL, Ruby, SQL, Bash, Pascal  
Web Development: Ajax, CSS, XML, JSON, Flash, JavaScript, HTML  
Web Toolkits: Django, Google App Engine, Groovy on Rails, Ruby on Rails  
Mobile Development: Android, Iphone  
Database: SQL Server, MySQL, SQLite, KDB, mongoDB  
Source Control: SVN, CVS, Perforce, Mercurial, Git  
Other: MULE ESB, Tibco RV, Crystal Report, Swig, Swing, AWT, ANT, Maven

## RELATED COURSEWORK

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Human-Computer Interaction, Computer Networks, Software Design & Architecture, Database Management, Operation Systems, Logic Computation, Combinatorics, Data Structures & Management, Object-Orientated Programming, Algorithms, Business Management, Managerial & Intermediate Financial Accounting, Microeconomics, Macroeconomics

## WORK EXPERIENCE

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**Facebook Inc.** (Palo Alto, California, US)  
**Mobile Software Developer**

*Jan – Apr, 2011*

- Developed new features for Facebook on Android/iOS.

**Barclays Capital Japan Limited** (Tokyo, Japan)  
**Software Developer, Equities IT**

*Jan – Apr, 2010*

- Designed and implemented in Java a Message Logger that logs and replays messages between enterprise applications and bridges applications with different messaging protocols.
- Developed a Real Time Exchange Simulator Application that is used for testing live, continuous trading systems that supports FIX protocol and can be interactively controlled by user through the administrative panel.
- Received **Outstanding** for performance evaluation.

**Fore Research and Management LP.** (New York, US)  
**Financial Application Developer**

*May – Aug, 2009*

- Designed and implemented a robust Reconciliation Application that analysis and report reconciliation process information automatically on a day-to-day basis.
- Developed tools and scripts to enhance accuracy and consistency of data management and report generation processes.

- Maintained and improved a critical Portfolio Management System.
- Received **Outstanding** for performance evaluation.

**Christie Digital System Inc.** (Kitchener, Canada)  
**Software Developer, Visual Environment**

*Sep – Dec, 2008*

- Designed and developed a robust Test Pattern API Framework which is capable of rendering various test patterns onto Christie projectors.
- Developed and implemented a new Test Pattern Application which all Christie's projectors can call into by using C++, Java Swing and Swig with the newly built Test Pattern API Framework.

**Ericsson Canada Inc.** (Mississauga, Canada)  
**Project Associate, Project Management Group**

*Jan – Apr, 2008*

- In charge of deployment, investigation, development, configurations,, and operation of a new centralized project tracking three-tier application for various departments to improve work efficiency among major work groups.
- Implemented a proto-type application and demonstrate how different groups can be benefitted from using this framework.
- Created various visual basic and database application to improve the processes for quality and productivity.
- Received **Excellent** evaluation for this internship.

## **PROJECTS**

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### **Phantom**

- Developed an information aggregator that scales data with limited availability to the distributed cloud infrastructure so to make the data highly available.
- Built algorithm to utilize the caching mechanism efficiently so to enhance service performance and data availability.

### **Iron Cook**

- Designed and implemented Iron Cook, a system that allows user to generate meal plans and recipes on their mobile handhelds. This system is intended for people who like to cook for themselves but have trouble deciding what to make.
- Collaborated with fellow group members to establish the front-end prototype mobile phone application and the back-end server solution for the system

### **ContactXchange**

- Implemented, designed and developed business card exchange/contact database synchronization application using Eclipse, SQLite and Android SDK for Google Android mobile phone platform.

## **HONORS AND AWARDS**

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- WACE International Work Integrated Learning Student Achievement Award
- University of Waterloo Merit Scholarship
- Community Service Award - Silver Level 2005 &2006