

# Christopher Luc

2B Software • [chrisluc.co](http://chrisluc.co) • [github.com/chrisjluc](https://github.com/chrisjluc) • [linkedin.com/in/christopherluc](https://linkedin.com/in/christopherluc) • [cluc@uwaterloo.ca](mailto:cluc@uwaterloo.ca)

## Skills

**Languages** Experience with Java, Javascript, Python, C#, SQL  
Familiar with C++, PHP

**Frameworks** Android, Django, Node, Angular, Backbone, jQuery, Knockout, Lodash, J2EE, ASP.NET, LESS

**Software & Tools** Vim, Android Studios, Sublime, Memcached, Redis, Elasticsearch, Celery, Visual Studios, EC2, Ubuntu, OSX, MongoDB, Postgres, MySQL, SQL Server

## Experience

**Software Engineering Intern at Zanbato** Mountain View, CA Winter 2015  
Enhanced deal relevancy using content based learning and text mining. Architected key flows, models and worked full stack to allow syndication among client networks. Refactored messaging and notifications. Created analytics for KPIs, established event tracking, improved build processes and contributed to internal frameworks.

**Programming Competition Director** University of Waterloo Fall 2014  
Designed a challenging optimization and graph theory based problem. Built a testing suite to validate large data sets produced by competitors. Worked on a graph generator.

**Software Developer Co-op at Tangam Systems** Waterloo, ON Summer 2014  
Implemented minimum bet flexibility within shifts for the multi-threaded scheduling algorithm, increasing theoretical table game revenues for casinos. Developed the language and caching frameworks for internationalization and an event tracking API integrated with Angular. Decreased the load time of a heavy traffic pages by 50%.

**Agile Engineering Intern at Pivotal Labs** Toronto, ON Fall 2013  
Developed the checkout, account and product detail pages in Backbone for mobile web for Mountain Equipment Co-op, also built groundwork for the testing framework. Refactored the Bell.mobi app to be an SPA using JQuery.

**Programmer at Bronte College of Canada** Toronto, ON Winter 2013  
Designed and implemented the summer camp application process in Java for the CRM web app. Created and designed an Android app for gathering and organizing prospective student's information.

**Projects** Please visit my [github.com/chrisjluc](https://github.com/chrisjluc) to learn more about personal and open source projects.

**Tables** Order your meals and pay for it through your phone 2015  
Working on the Android app - [thetablesapp.com](http://thetablesapp.com)

**One Search** Challenging version of a classical word search on Android. 2015  
4.92 stars, 71+ ratings, 700+ downloads. [play.google.com/store/apps/details?id=chrisjluc.onesearch](https://play.google.com/store/apps/details?id=chrisjluc.onesearch)

**Mine** Community where users can share the products they own and write reviews 2015  
Mainly backend work using Node.js, Express and MongoDB.

**Uniq** Allows prospective students to easily search and compare programs from different schools 2014  
Contributed to the overall vision, strategy, and product development process. Acted as architect for the backend using Django. Created the framework that will populate current data from historical and hierarchical data

## Education

**Candidate for Bachelor of Software Engineering** 2014 - Present  
University of Waterloo

**Candidate for Bachelor of Applied Sciences in Mechatronics Engineering** 2012 - 2014  
University of Waterloo

**Dean's Honours List** Rank 10th out of 120 in the class, 92% average 2014

**Relevant Projects** Compiler written in C++, Sumo-wrestler Robot in Arduino

## Interests

Participating in a variety of hackathons including Hack the North in Waterloo, exploring and discovering fun and interesting places with friends and family, and the casual gaming of SC2, Dota 2 or pretty much anything else!