

Christopher Luc

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Skills

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

Experience

Yelp

Software Engineering Intern

San Francisco, CA

Aug - Dec 2015

Zanbato

Software Engineering Intern

Mountain View, CA

Jan - Apr 2015

- Implemented an investment recommendation system in Python using content-based learning and text mining (tf-idf)
- Developed key flows and models using Django and Celery to allow syndication among client networks
- Built features and completed large refactors, including use of Knockout over jQuery, for messaging and notifications
- Created analytics for KPIs and established event tracking via logging and Mixpanel

University of Waterloo

Programming Competition Director

Waterloo, Canada

Sep - Nov 2014

- Designed and built a graph generator for a challenging optimization problem
- Built a testing suite to validate millions of rows of CSV data produced by competitors

Tangam Systems

Software Developer Co-op

Waterloo, Canada

May - Sep 2014

- Implemented minimum bet flexibility within the scheduling algorithm, increasing theoretical table game revenues for casinos by up to 20%
- Decreased the load time of a heavy traffic page by 50% using SQL
- Developed the language and caching frameworks for internationalization in .NET

Xtreme Labs

Agile Engineering Intern

Toronto, Canada

Sep - Dec 2013

- Developed the checkout, account and product detail pages in Backbone for Mountain Equipment Co-op
- Rebuilt the Bell.mobi app to be an SPA using JQuery

Bronte College of Canada

Programmer

Toronto, Canada

Jan - May 2013

- Created an Android app for organizing prospective student's information, and syncing across multiple devices.
- Implemented the summer camp application process and workflow in J2EE.

Projects Please visit my github.com/chrisjluc to learn more about my open source contributions.

- Android wordsearch game - 4.92 stars, 700+ downloads play.google.com/store/apps/details?id=chrisluc.onesearch
- Order your meals and pay for it through your phone. Building the Android app and the backend thetablesapp.com
- BattleHacks 2015 - Making people more punctual to create a more efficient society, integration with Paypal
- Hack the North 2014 - Community where users can share the products they own and write reviews using MEAN stack
- EngHack 2013 - Allow prospective students to easily search and compare programs from different schools in Django
- 4th place in Sumo Robot competition using Arduino

Education

University of Waterloo

Candidate for Bachelor of Software Engineering - 3.9 cumulative GPA

May 2018

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

Relevant Projects Compiler written in C++, Path-finding robot in Robot C

Interests

Participates in HackerRank and TopCoder; qualified for Google Code Jam 2015 and 2014. I love discovering new and interesting places with friends and family, and reading the latest articles, blog posts and books!