BORIS LIN

411 Keats Way, Unit 2 – Waterloo, ON – Canada N2L5S7

+1 (519) 998 7196 • ✉ boruilin224@gmail.com • 🖥 www.borislin.me

EDUCATION

University of Waterloo   *September 2013 - April 2018*

3B/Junior, Bachelor of Computer Science, Honours, Co-op Program

○ Courses Taken: Machine Learning, AI, Distributed System, Network, Security, Operating System, Algorithms, Database, OOP

SUMMARY OF SKILLS

○ Programming skills: C/C++, Python, PHP, Perl, Pascal, Scheme
○ Web development: Ruby on Rails, Django, Symfony, HTML5, CSS3, jQuery, React, MySQL, PostgreSQL, REST
○ Three-year industrial experience with full-stack web development, AWS, DevOps (Ansible), Git, TDD, Agile
○ Actively participated in competitive programming competitions (NOIP, NOI, ACM etc.) since 2005

WORK EXPERIENCE

Wish - ContextLogic   *August 2016 - December 2016*

Software Engineering Intern   *San Francisco, CA, USA*

○ Doing full-stack web development in the platform team

Samsung Research America   *January 2016 - April 2016*

Software Engineering Intern   *Mountain View, CA, USA*

○ Developed an enterprise web application called Electric Commander (EC) Monitor to enhance EC with analytical and statistical features using Symfony, Python, Perl, MySQL, jQuery and React.js
○ Created EC and employee performance charts by analyzing and visualizing EC's database using D3 and Highcharts.js
○ Implemented Live Job Build Tracker, a real time EC job performance monitoring web application, which is used by the entire infrastructure team with **more than 100 employees every day**

Vena Solutions   *May 2015 - August 2015*

Software Development Intern   *Toronto, ON, Canada*

○ Set up Percona XtraDB Cluster on EC2 using Ansible and MySQL to improve database performance and reliability by 5%
○ Developed software tools in Ansible and Java to effectively catch memory errors in multi-thread processes
○ Improved RESTful API test coverage for back-end by 10% via Postman using JavaScript

Genesys Laboratories Canada Inc.   *August 2014 - December 2014*

Quality Assurance Intern   *Markham, ON, Canada*

○ Carried out both automated and manual load and scale tests on media control platform using Bash, Perl and CGI
○ Implemented automatic reporting system in C++ that provides platform and test performance analysis to team leads

PROJECTS (GitHub:borislin)

WatNotify (watnotify.ca) | Ruby on Rails · Python · jQuery · PostgreSQL   *April 2016*

○ Lightweight course enrolment notification tool for University of Waterloo students which helped **more than 100 students** enrol in their desired class quickly with minimum efforts **within 24 hours** of launch
○ Voiced out **more than 150 students'** demand for popular courses and presented analyzed and visualized back-end data to University of Waterloo to request for increase in class size

Optometry Data Analysis System | Django · jQuery · Highcharts.js · MySQL   *September - December 2015*

○ Created a web app called ODAS in collaboration with Ziquan (Zack) Wang and **Prof. Frank Tompa** that helped manage and visualize optometric records and increase efficiency in generating optometric reports by 10 times

Mini-Twitter (goo.gl/W77WVz) | Ruby on Rails · PostgreSQL · TDD · Agile   *June 2015 - March 2016*

○ Completed Ruby on Rails tutorial and developed Mini-Twitter, an open source social networking web application

Quadris | C++ · OOP · X11   *May 2014 - August 2014*

○ Designed and deployed a desktop Tetris-like game called "Quadris" in both plain text and GUI in C++, OOP and X11