

# BORIS LIN

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Seeking a full-time new grad job starting in 2018 (US visa sponsorship **NOT** required)

## SUMMARY OF SKILLS

- Expert in Python/Django/Tornado, C/C++, Ruby on Rails, jQuery, MySQL, MongoDB, Pascal, Git
- Proficient in Scala/Spark/Scalding, Java/Hadoop, React/Redux, Backbone, PHP/Symfony, Docker, AWS, Ansible
- Experience in TensorFlow, scikit-learn, Hive, HBase, Perl, Scheme

## WORK EXPERIENCE

- Facebook** September - December 2017  
*Software Engineer Intern · Ads Measurement Input Team* Seattle, WA, USA
- Working on offline conversion for Facebook Ads Advanced Measurement tool
- Pinterest** May - August 2017  
*Software Engineer Intern · Search Quality Team* San Francisco, CA, USA
- Built distributed data pipelines to generate training data and created the Visual Relevance search ranking model in TensorFlow
  - Designed and implemented a user search log visualizer called *Hubble* from scratch using React/Redux and built back-end data pipelines using Scalding
  - Worked on human evaluation pipeline for search experiments and added a web tool to launch human evaluation jobs
- Wish - ContextLogic** August - December 2016  
*Software Engineering Intern · Platform Team* San Francisco, CA, USA
- Full-stack web development focusing on improving and adding new features to Wish's Merchant Dashboard using Tornado, MongoDB, Backbone, RequireJS and jQuery
  - Major features added include Merchant Support and Report Product impacting millions of products and merchants
  - Built tools to detect fraudulent merchants and customers by analyzing purchase and refund history using Hive and Python
- Samsung Research America** January - April 2016  
*Software Engineering Intern · Advanced Processor Lab Team* Mountain View, CA, USA
- Developed an enterprise web application to enhance Electric Commander (EC) with analytical and statistical charts using Symfony, Python, Perl, MySQL, jQuery and React
  - Implemented a real time EC job performance monitoring web application which is used by more than 100 employees daily
- Vena Solutions** May - August 2015  
*Software Development Intern · DevOps Team* Toronto, ON, Canada
- Developed software tools in Ansible and Java to effectively catch memory errors in multi-threaded processes
  - Improved back-end RESTful API test coverage by 10% using Postman and JavaScript

## PROJECTS (GitHub:borislin)

- Warcbase** | Spark · Stanford CoreNLP · Stanford Classifier · D3 January - April 2017
- Worked on Political Science Text Classification for the Warcbase project with **Prof. Jimmy Lin** using supervised machine learning, natural language processing and Spark
- WatNotify (watnotify.ca)** | Ruby on Rails · Python · jQuery · PostgreSQL April 2016
- Course enrolment notification tool used by **more than 200** University of Waterloo students
- Optometry Data Analysis System** | Django · jQuery · Highcharts.js · MySQL September - December 2015
- Created a web application called ODAS in collaboration with **Prof. Frank Tompa** that helped manage and visualize optometric records and increase efficiency in generating optometric reports by 10 times

## EDUCATION

- University of Waterloo** September 2013 - April 2018  
4B/Senior, Bachelor of Computer Science, Honors, Co-op Program GPA: 3.7/4.0