

# BORIS LIN

+1 (650) 495 9331 • boruilin224@gmail.com • www.borislin.me

## SUMMARY OF SKILLS

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

## RESEARCH

**Replicate and Reuse** | Unity · C# · Vuforia January - April 2018

- Worked with **Prof. Daniel Vogel** and **Aakar Gupta** in HCI lab on rephysical interaction research
- Primary contributor for developing a rephysical photo album AR application to reuse physical media objects for digital content
- Co-authored a research paper published at the ACM Conference on Human Factors in Computing Systems (**CHI2020**)

**Warcbase** | Spark · Stanford CoreNLP · Stanford Classifier 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
- Co-authored a **blog post** and a **JCDL 2017 research paper**

## WORK EXPERIENCE

**Pinterest** October 2018 - Present

Software Engineer · Universal Search Team San Francisco, CA, USA

- Working on whole-page ranking and universal search

**Facebook** September - December 2017

Software Engineer Intern · Ads Measurement Inputs Team Seattle, WA, USA

- Integrated Offline Conversion into the Facebook Ads Advanced Measurement (AMT) tool
- Developed metrics integrity and health validation pipeline for Apps, Offline Conversions and Custom Conversions in AMT

**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

- Added major features such as 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

## PROJECTS (GitHub:borislin)

**Anserini (goo.gl/WZ492C)** | Java · Lucene June - October 2018

- Contributed to open source project **Anserini**, a new information retrieval toolkit that aims to provide both efficiency and effectiveness, and better align information retrieval practice and research

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

- Course enrolment notification tool used by **more than 200** University of Waterloo students

## EDUCATION

**University of Waterloo** September 2013 - April 2018

Bachelor of Computer Science, Honors, Co-op Program GPA: 3.7/4.0