



ALEX LI

 /alexli

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SKILLS

- Experienced in software development, with specialty in algorithms, data structures, and machine learning
- Proficient in C++, C, Java, Python, PHP, JavaScript, HTML/CSS, SQL, Git, and UNIX-like environments
- Familiar with C#, VBScript, Lisp, Haskell, Verilog, \LaTeX , R, MATLAB, and Mathematica

EDUCATION

- University of Toronto* 2015 – Present
- Pursuing Honours *Bachelor of Science*, double majoring in Computer Science and Statistics (cGPA: 3.87)
 - Focus in Artificial Intelligence and Machine Learning
 - Expected graduation: June, 2019

EXPERIENCE

Data Science Consultant *Homevest (homevest.co)* 2018 – 2019

- Developed machine learning models to predict the Los Angeles real estate and rental markets

Software Engineering Intern *Airbnb* Summer 2018

- Trust and Safety: User Knowledge (San Francisco, CA)
 - Built a natural-language machine learning model that analyzes news articles for background checks
 - Developed a weak supervision system for labeling training data, saving 1000s of hours of ops work
- Technologies involved: Python, Ruby, TensorFlow, SpaCy, Snorkel

Software Engineering Intern *Google* Summer 2016, 2017

- Data Infrastructure and Analysis (Mountain View, CA)
 - Developed automation tools for Evenflow, the scalable distributed system for Google AdWords log aggregation
- DoubleClick Bid Manager (New York, NY)
 - Developed a pipeline to process millions of business chain geotargets using Google Maps data, increasing coverage of business chain targeted ad campaigns by over 500%
- Technologies involved: C++, JavaScript, HTML/CSS, BigTable, MapReduce, Colossus, S2 Geometry Library

Software Engineer *Ivy Global* 2014 – 2017

- Led the full-stack development of Ivy Global's mission critical projects, including an industry-leading SAT scoring/reporting tool (cloud.ivyglobal.com) and an interactive online classroom (classroom.ivyglobal.com)

DISTINCTIONS

- UofT Scholars Award, Dean's List, and the Dr. Charles and Margaret Brown Award 2015 – 2018
- Bronze Medalist, Canadian Computing Olympiad (CCO) 2015
- Gold Division, United States of America Computing Olympiad (USACO) 2013 – 2015
- 1st place, US National School Scrabble Championship — guest appeared on *Jimmy Kimmel Live!* 2012

Bio: I am a Canadian citizen, fluent in English and Mandarin. My interests are cooking, movies, and Jazz.