



# ALEX LI

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## SKILLS



- Full-stack software engineering, with emphases on product, data, and algorithms
- Proficient in C++, C, Java, Python, JavaScript, PHP, HTML/CSS, SQL, and Unix-like environments
- Familiar with C#, Go, Objective-C, R, MATLAB, Lisp, Haskell, Prolog, Verilog/VHDL, and  $\text{\LaTeX}$

## EDUCATION

- University of Toronto* 2015 – 2019
- Honours *B.Sc.*, with high distinction (GPA: 3.87)
  - Double majors in computer science and statistics, with a specialist focus in Artificial Intelligence
  - UofT Scholars Award, Dean's List, and the Dr. Charles and Margaret Brown Award

## EXPERIENCE

*Senior Software Engineer* *Meta* 2019 – *Present*

- Reality Labs, AI Knowledge (Burlingame, CA)
  - Bringing multimodal knowledge capabilities to GenAI across wearable devices and Meta's family of apps
  - Drove the initial engineering effort for an in-house text→image search engine, now powering inline images on the Meta AI chatbot and Meta Ray-Ban Display smart glasses
  - Built embedding and OCR-based RAG to enable landmark/storefront recognition on the multimodal AI assistant
- Instagram Growth Acquisition (Park, CA)
  - Tech lead for several top-of-funnel growth products: web embeds , QR codes (nametag) , profile/link sharing
  - My launches directly drive +15 million monthly active users to Instagram annually
- Technologies: C++, Python (Django), JavaScript (React), PHP (Hack), Objective-C (iOS), Go



*Software Engineering Intern* *Airbnb* Summer 2018

- Trust and Safety: User Knowledge (San Francisco, CA)
  - Developed NLP models to label news data, saving thousands of hours of manual ops work on background checks
- Technologies: 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 AdWords log aggregation
- DoubleClick Bid Manager (New York, NY)
  - Processed millions of Google Maps business chains to grow ad campaign geotargeting coverage by 500%
- Technologies: C++, JavaScript, HTML/CSS, BigTable, MapReduce, Colossus, S2 Geometry

## MISCELLANY

- Competitive programming: Canadian Computing Olympiad (Bronze Medal), USACO (Gold Div), ACM ICPC. I've been a core problem setter for Meta Hacker Cup  since 2020, and also developed for Google Code Jam .
- I'm a Canadian citizen and U.S. permanent resident, fluent in English and Mandarin.