

Jeffrey Zhao

Waterloo, Ontario, Canada
✉ jezhao1999@gmail.com
📄 descrip.github.io
🐙 github.com/descrip
in linkedin.com/in/descrip

Education

Sept 2016 – **University of Waterloo**, Bachelor of Mathematics.
Apr 2020 Double major in **Computer Science** and **Statistics**. 3.9/4.0 GPA.

Experience

- May 2019 – **Google Brain**, Software Engineering Intern.
Aug 2019
 - Designed and implemented machine learning approach to improve code auto-completion by training a language model on C++ source code.
 - Used Tensorflow, Lingvo, Clang ASTs parallelized with Flume.
- May 2018 – **Google DisplayAds**, Software Engineering Intern.
Aug 2018
 - Worked on Paper Plane, a project to modularize and simplify DisplayAds C++ code.
 - Designed **C++ static analysis parser** for examining google3 codebase and underlying function call graph.
 - Used Clang AST parsing, parallelized with MapReduce.
- May 2017 – **Wish (ContextLogic Inc.)**, Software Engineering Intern.
Aug 2017
 - Worked on ProductBoost, a new impressions bidding platform for merchants.
 - Redesigned product registration and data analytics pipelines from MVP.
 - Grew from \$1 M to \$10 M yearly revenue.** Worked in team of 3 – had high impact.
- Dec 2015 – **MasseyHacks I**, Workshops Director.
Feb 2016
 - Created and oversaw workshops at Canada's first high school hackathon.

Skills

Languages C++, Python, OCaml, HTML+CSS+JS, many others
Technologies Machine Learning, Algorithms and Data Structures, TensorFlow, Clang, Linux

Awards

- 2017 **Hack the North**, Winner.
Created DoppelGallery, a web app that looks through millions of old paintings for people that look like you. github.com/descrip/doppelgallery
- 2015, 2016 **Canadian Computing Olympiad (CCO)**, Bronze Medal.
Programming contest for top twenty high school students across Canada.