Jeffrey Zhao

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

Education

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

Experience

May 2019 –
Aug 2019
Google Brain, Software Engineering Intern.
- Using machine learning to improve code auto-completion by building a C++ language model.

May 2018 –
Aug 2018
Google DisplayAds, Software Engineering Intern.
- 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 –
Aug 2017
Wish (ContextLogic Inc.), Software Engineering Intern.
- 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 –
Feb 2016
MasseyHacks I, Workshops Director.
- Created and oversaw workshops at Canada's first high school hackathon.

Skills

Languages C++, Python, OCaml, HTML+CSS+JS, many others
Technologies 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.