

# Jeffrey Zhao

Waterloo, Ontario, Canada  
☎ (+1) 519-300-9051  
✉ jezhao1999@gmail.com  
📄 [descrip.github.io](https://descrip.github.io)  
🐙 [github.com/descrip](https://github.com/descrip)  
in [linkedin.com/in/descrip](https://linkedin.com/in/descrip)

## Experience

- May 2018 – **Google**, *Software Engineering Intern*.  
Aug 2018 ○ Will work on the advertising infrastructure team.
- May 2017 – **Wish (ContextLogic Inc.)**, *Software Engineering Intern*.  
Aug 2017 ○ Worked on **ProductBoost**, a new impressions bidding platform for merchants.  
○ **Grew from \$1M to \$10M yearly revenue**. Worked in small team of 3 – had high impact.  
○ Redesigned product registration interface and data analytics tools for merchants. Created internal tools for gathering statistics and filtering out low-quality products.  
○ Full-stack developer – used Python, Tornado, HTML+CSS+JS, Backbone.js, MongoDB, Luigi, Apache Hadoop/Hive+Presto.
- June 2016 – **Splice Digital Inc.**, *Software Engineering Intern*, Windsor, ON.  
Aug 2016 Developed hotel management chatbot in Node.js.
- Dec 2015 – **MasseyHacks I**, *Workshops Director*, Windsor, ON.  
Feb 2016 Created and oversaw workshops at Canada's first high school hackathon.

## Skills

Programming Algorithms and Data Structures, C, C++, Python, HTML+CSS+JS, PHP, Java, Go,  $\LaTeX$   
Technologies Linux, MongoDB, SQL, Apache Hadoop/Hive+Presto, Tornado, Laravel, Luigi, Backbone.js, Node.js, jQuery

## Awards

- 2017 **Winner, Hack the North**.  
Created DoppelGallery, a web app that looks through old paintings for people that look like you.
- 2015, 2016 **Bronze Medalist, Canadian Computing Olympiad (CCO)**.  
2x bronze medalist. Programming contest for top twenty high school students across Canada, used to select Canada's team for the International Olympiad in Informatics (IOI).

## Projects

**OmongDB, C++**.  
Developing MongoDB clone written as an on-disk B+tree. [www.github.com/descrip/omong](https://www.github.com/descrip/omong)

**Skirmish Online Judge, PHP, HTML+CSS+JS, MySQL**.  
Online judge web app for programming contests. [www.github.com/descrip/skirmish](https://www.github.com/descrip/skirmish)

## Education

- Sept 2016 – **Bachelors of Computer Science, University of Waterloo**.  
April 2021 96% faculty average, in co-op program.