

# Lynne Meng

## 4A Software Engineering

### Education

University of Waterloo  
Candidate for Bachelor of  
Software Engineering  
Expected 12/17

### Contact

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### Programming Skills

#### Basic OO:

C/C++, Java

#### Frontend:

JavaScript

CSS3 & HTML5

#### Backend:

Ruby on Rails

Python, C#, SQL, PHP

#### Academic:

L<sup>A</sup>T<sub>E</sub>X, Matlab, R

### Operating Systems

Linux, Windows, MacOS

### Softwares

Git, SVN

Visual studio, Eclipse

Vim, Sublime

### Experience

- 08/16 - 12/16 **Software Engineering - Platform** [Java](#), [AngularJS](#), [Python](#) Zynga, Toronto
- Optimized Zynga's experimentation & optimization system and enhanced user experience
  - Collaborated effectively with data scientists to analyse algorithms on the experiments of prestitial ads
  - Conducted research on identifying the ending time of experiments and generated reports
- 01/16 - 04/16 **Engineering - SocialCapital Fellow** [Ruby on Rails](#), [AWS](#) Intercom, Dublin
- Optimized Intercom's continuous deployment tool and improved engineering productivity by 40%
  - Integrated Philips Hue lightbulbs into Intercom's deployment process and enhanced shipping culture by visualising successful deployments
  - Resolved 40% of issues independently and helped team to reach weekly goals
  - Assisted with deployment, management, and operation on AWS platform
- 09/15 - 12/15 **Undergraduate Research Assistantship** [D3.js](#), [R](#) University of Waterloo, Waterloo
- Data visualization with D3.js and data analysis with R
- 05/15 - 08/15 **Software Developer** [Ruby on Rails](#), [Backbone&Marionette.js](#), [HAML](#) 500px, Toronto
- Optimized 500px purchase panel tool and increased sales productivity by 50%
  - Integrated photo resizer into 500px's Web Applications and reduced image processing time by 40%
  - Implemented media XML feed for Chromecast with 500px API
  - Assisted with web development and A/B testing of 500px which serves over 10M users
- 01/14 - 05/14 **JavaScript Software Developer** [JavaScript](#), [C#](#), [AWS](#) IMS, Mississauga
- Extended test infrastructure, restructured test architecture and increased testing efficiency by 40%
  - Analyzed test modules and restructured test architecture to reduce maintenance time by 20%
  - Implemented an Algorithm to calculate area of self-intersecting polygon
- 05/13 - 09/13 **Sustaining Engineering Intern** [Java](#), [XML](#), [SQL](#), [TestNG](#) Teradata Corporation, Mississauga
- Developed and maintained regression tests for Teradata's application

### Project

- 06/16 **JSketch** [Java](#), [Android](#) Waterloo
- An interactive mobile application to share creative ideas
- 05/16 **Snake** [Java](#), [Swing](#) Waterloo
- A 2D video game that controlled a snake to grow while preventing it from hitting the bounds
- 09/15 - 12/15 **InternGoal** [ReactJS](#), [Django](#), [Amazon Web Service](#) Final Year Design Project, Waterloo
- A platform that connected students with similar backgrounds and shared their internship experiences
- 09/14 **Weather app** [Pebble.js](#) Hack the North, Waterloo
- A pebble watch application that updated weather reports by triggering accelerometer
- 09/14 - 11/14 **Finance Robot project** [C++](#), [Python](#) University of Waterloo, Waterloo
- A robot that fetched stock price data from Google Finance and drew stock price's chart on paper