

Lynne Meng

4B Software Engineering

Education

University of Waterloo
Candidate for Bachelor of
Software Engineering
Expected 01/18

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^AT_EX, Matlab, R

Operating Systems

Linux, Windows, MacOS

Softwares

Git, SVN

Visual studio, Eclipse

Vim, Sublime

Experience

- 05/17 - 08/17 **Software Development Engineer** `Java` **Amazon, Vancouver**
- Implemented the language linter of Amazon States Language and improved the user experience of AWS Step Functions
- 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 analyze algorithms on the experiments of prestitial ads
 - Conducted research on identifying the ending time of experiments and generated reports
- 01/16 - 04/16 **Full Stack Software Engineer** `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
- 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%
 - 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** `Java, XML, SQL, TestNG` **Teradata, 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, AWS` **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