Lynne Meng

4B Software Engineering

Education

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

Contact

+1 (226) 600 6849
lynnemeng.com
l9meng@uwaterloo.ca
Linkedin:LynneMeng
github: lynnegithub

Programming Skills

Basic OO:
C/C++, Java
Frontend:
JavaScript
CSS3 & HTML5
Backend:
Ruby on Rails
Python, C#, SQL, PHP
Academic:
LaTeX, Matlab, R

Operating Systems

Linux, Windows, MacOS

Softwares

Git, SVN
Visual studio, Eclipse
Vim, Sublime

Experience

05/17 - Now   **Software Development Engineer** `Java`   Amazon, Vancouver
- Designed and implementd a language validator for Amazon States Language

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   **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%
- 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 Developer** `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