Max Li

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WORK EXPERIENCE

Snap Inc. *Software Engineer*   Venice, CA — Jul 2015 - Present
- Full-stack engineer primarily working on Android and server backend for the Snapchat app.
- Led the development of a modularization effort of the Android chat codebase in a team of 4.
- Primary owner of push notifications. Worked on increasing reliability and customer engagement.
- Implemented several features for the launch of Custom Stories, including map, gallery and chat integration.
- Launched the group chat feature.
- Wrote and shipped the first implementation of stickers in chat.

Snapchat *Software Engineering Intern*   Venice, CA — Aug 2014 - Dec 2014
- Worked on the video chat backend.
- Developed a new video chat initialization system resulting in reduced latency, and increased reliability and scalability.

Facebook *Software Engineering Intern*   Menlo Park, CA — Jan - Apr 2014
- Worked on the Facebook Videos backend.
- Improved video encoding reliability and performance metrics by over 50%.

Mozilla *Platform Engineering Intern*   Toronto, ON — Apr - Aug 2013
- Shipped features for the screen reader for Firefox for Android and Firefox OS.
- Added braille support to Firefox for Android.
- Developed a text-to-speech add-on for Firefox.

A Thinking Ape *Software Development Engineer Intern*   Vancouver, BC — Sept - Dec 2012
- Engineered a custom metrics system using Hadoop and Pig with a web interface using Django.
- Optimized existing metrics framework resulting in performance gains of over 1000%.

IBM *Software Developer*   Ottawa, ON — Jan - Apr 2012
- Worked on the open source Eclipse Orion project using JavaScript and Dojo.

Rich Media *Programmer Analyst*   Toronto, ON — May - Aug 2011
- Developed and maintained Flash applications using ActionScript.

EDUCATION

University of Waterloo   Waterloo, ON
Bachelor of Mathematics, Honours Computer Science, Pure Mathematics   Jun 2015
Minor, Psychology Minor
- Overall GPA: 96.10%

SKILLS OVERVIEW

- Have professionally written Java (Android and Server), Python, C, C++, JavaScript, PHP
- Also familiar with Scheme, Haskell, ML, Prolog