

Piyush Gadigone

4A Computer Engineering
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Seeking Full Time opportunities in Software Engineering after I graduate in April 2015.

SKILLS SUMMARY

- Proficient at object oriented programming in Java, C++ and Objective-C.
- Extensive experience in mobile application development gained from developing applications for iOS, Android, Windows 8, and Blackberry.
- Competent at server side development in JavaScript using Node.js.
- Adequate knowledge in Perl scripting, MySQL, Assembly Language, Git, SVN, and MATLAB acquired through self-training and personal projects.
- Demonstrated excellent communication, teamwork and leadership skills through work experience and volunteer work.

WORK EXPERIENCE

Software Engineer, Facebook, Menlo Park, CA

Sept. 2014 – Dec. 2014

- Worked on Android Development on Pages for Facebook.
- Improved the Messaging and Photo experience for Pages.
- Initiated and trained the team in writing integration tests.

Mobile Software Engineer, LinkedIn, Mountain View, CA

Jan. 2014 – April 2014

- Full-stack development of the new LinkedIn profile for the flagship Android app. Performed extensive unit testing using Robolectric and Mockito.
- Developed the server-side component in Node.js. Tested the developed features using a JavaScript test framework called Mocha.
- Completed Android training using "Android Programming: The Big Nerd Ranch Guide" book.
- Gained experience with Java, Node.js, Objective-C and Git.

Mobile Software Engineer, LinkedIn, Mountain View, CA

May 2013 – Aug. 2013

- Developed a library from scratch for iOS that facilitates Single Sign-On (SSO) across all the LinkedIn applications.
- Co-developed a library for Android that enables Authentication for all the LinkedIn applications.
- Extensively tested the library using unit and automation tests.
- Gained experience with Objective-C, Java, Node.js and Git.

Software Engineer, Altera, Toronto, ON

Aug. 2012 - Dec. 2012

- Developed the timing correlation infrastructure in Perl that validated Quartus timing estimates with silicon delays and dynamically updated an internal wiki with the results.
- Automated competitive power analysis and built an object-oriented Perl based API for the Early Power Estimator (EPE) tool.
- Optimized and developed the Power Distribution Network (PDN) tool in Visual Basic.
- Gained extensive experience in Perl scripting, Perlforce, C++, Visual Basic, Tcl and Verilog.

C++ Software Developer, Blackberry, Waterloo, ON **Jan 2012 - April 2012**

- Primary developer on a Blackberry 10 RIM internal tool called BugReport.
- Performed major feature enhancements, significant UI improvements, performance optimization, bug fixes and architectural improvements using C++, Cascades and Shell.
- Independently developed a Blackberry 10 settings page for a QNX process in Adobe AIR.

Software Developer BI, Desire2Learn, Waterloo, ON **May 2011 - August 2011**

- Optimized and developed SQL queries to generate graphical reports that measures student's performance at school.
- Experienced with modern MVC ASP.NET framework, Unit Testing using Moq and Dependency Injection while developing a tool to keep track of the client requirements and solutions.

PROJECTS

iOS Application Development, March 2014: Worked directly with the Senior VP of LinkedIn to develop a prototype for *WhatsUp*, which is an app to discover what your professional network is up to in a fun and interesting way.

Android Feature Development, Feb 2014: *DreamIn* is an Android feature that streams through users LinkedIn updates when the phone is being charged.

Android Feature Development, August 2013: *InVoice* is a Speech-To-Text feature that lets users navigate and perform multiple tasks across the LinkedIn app using speech.

iOS Application Development, June 2013: *Path Painter*, a LinkedIn hackathon finalist app that lets you draw on a map by tracing your path. Your location becomes the tip of a paint brush that you can use to draw beautiful works of art.

iOS Application Development, May 2013: *MentorIn* lets you find people in the organization that are proficient in a particular skill. The app uses LinkedIn Skills and Endorsement feature to rank employees.

Windows 8 Application Development, December 2012: *Chemistry Fun* is a fun educational app that provides useful properties for all the chemical elements and also lists several chemistry related jokes.

Android Game Development, April 2012: *Catch The Fruits* is a game where the objective is to catch all the falling fruits in a basket (watch out for the bombs though).

EDUCATION

Candidate for Bachelor of Applied Science, Computer Engineering, University of Waterloo, Waterloo
Sept. 2010 - April 2015

AWARDS

- 4 x Deans Honours List for Academic Excellence, University of Waterloo **Sep. 2010 - Aug. 2012**
- Governor General's Academic Medal, Lord Beaverbrook High School **Nov. 2010**
- President's Scholarship of Distinction, University of Waterloo **Sept. 2010**
- Faculty of Engineering Entrance Scholarship, University of Waterloo **Sept. 2010**