

# Jonathan Almeida

Linux ★ Java ★ C++ ★ Git

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## QUALIFICATIONS SUMMARY

- Independent, competent and highly productive with responsibilities.
- Identity: keybase.io/jonalmeida

## TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C/C++, Javascript, Objective-C, Bash, Qt/QML
- **Databases:** MySQL/SQLite, PostgreSQL
- **Systems:** GitHub, JIRA, PRZilla

## GITHUB PROJECTS

- **snowplow/snowplow-java-tracker** - Adds analytics to your Java desktop and server apps, servlets and games.
  - A Java based Snowplow event tracker built using primarily Jackson JSON and Apache HTTP library.
- **snowplow/snowplow-ios-tracker** - Snowplow event tracker for iOS 7+. Adds analytics to your iOS apps and games.
  - An Objective-C static library for sending Snowplow events, using AFNetworking and native libraries.
- **snowplow/snowplow-android-tracker** - Snowplow event tracker for Android. Add analytics to your Android apps and games.
  - Inheriting from the Java Tracker, the Android tracker extends it's functionality with Android specifics.

## PROFESSIONAL EXPERIENCE

May. 2014 - **Software Developer Intern, Snowplow Analytics Ltd.**

- August. 2014
- Created the Snowplow iOS event tracker and released the initial version.
  - Rewrote and modularized the Snowplow Java event tracker along with new features and functionality; released multiple version updates over time.
  - Created the Snowplow Android event tracker inheriting from the Java core library for the initial version.
  - Setup Travis continuous integration build environments for running unit tests.
  - Managed and prioritized related issues within the projects using GitHub Issues.
  - Technologies got to work on: Xcode, Android Developer Studio, Eclipse, Travis CI, SQLite, Git/GitHub

May. 2013 - **Software Developer Intern, BlackBerry Ltd.**

- Dec. 2013
- Single handedly developed and maintained management of the Notification Settings in Cascades/Qt (a task not usually reserved for internship developers).
  - Responded to QA and incorporated re-design to the same Notification settings UI frontend/backend to enhance new product requirements and API's
  - Assisted and collaborated with other internal teams to provide specific requirements to the UI.
  - Worked on IPC and parsing information from the BlackBerry 10 notification service.
  - Created an automation test build machine as a Jenkins node to the existing internal Jenkins farm.
  - Developed GTest test cases for verifying API communication on the BlackBerry 10 platform.
  - Managed and prioritized related issues within the project using JIRA.
  - Technologies got to work on: Qt/QML, Cascades, Eclipse, G-test, Robot Framework, SQLite, Git/Gerrit

May. 2012 - **Slipstream Software Test Developer Intern, BlackBerry Ltd.**

- Dec. 2012
- Primary support for remote QA team with issues they would encounter during their testing.
  - Created test cases from situational matrixes for BlackBerry 10 Bridge project.
  - Investigation and verification into issues that were being seen on an infrastructure level of development.
  - Investigation of issues related to local network discovery and services between handheld and Windows desktops.
  - Mentored junior coops on a daily basis with all the above mentioned tasks.
  - Was selected to work in multiple war rooms with various cross-departmental teams on time sensitive projects.
  - Received 'Employee Recognition Award (four stars) for collaboration - an inter departmental award, that requires nomination by fellow staff and required both manager and director approval to receive.
  - Technologies got to work on: PRZilla, BlackBerry OS, BlackBerry 10, Git/Gerrit

Aug. 2011 - **I.T. Services Help Desk, University of Windsor, Windsor, Canada.**

- Apr. 2012
- Network troubleshooting, accessing university resources through personal computers.
  - Provided support for installation as well as solving technical issues over the phone or remotely.
  - Technologies got to work on: Lotus Notes 8, Novell NetWare, Trend Micro

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## EDUCATION

2015 **Bachelors of Science, Computer Science, University of Windsor.**

2010 **Edexcel GCE & IGCSE, St. Mary's Catholic High School, Dubai.**

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## ACADEMIC ACHIEVEMENTS

- University of Windsor Entrance Scholarship (\$4000).
- University of Windsor Residence Entrance Scholarship (\$6000)

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## UNDERGRADUATE COURSES TAKEN

- Computer Networks
- Graph Theory
- Data structures and Algorithms in Java
- Advanced C++11