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, Objectve-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 Objectve-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.
  - Inherting from the Java Tracker, the Android tracker extends it's functionality with Android specifics.
- **jonalmeida/geo_android** - Android client for Pseudochat
  - Anonymously posts messages viewable to other users only within that location.
  - Single-handedly architectured the client UI and service.
- **evilolive/Notepad** - A simple notepad iOS app with Markdown support
  - A very simple note taking application, intended to have Markdown support.

PROFESSIONAL EXPERIENCE

May. 2014 - August. 2014 **Software Developer Intern**, *Snowplow Analytics Ltd.*.
- 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 - Dec. 2013	**Software Developer Intern**, *BlackBerry*.
	○ Single handedly developed and maintained management of the Notification Settings in Cascades/Qt (a task not usually reserved for internship developers).
	○ Responded to Quality Assurance 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 G-test 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 - Dec. 2012	**Slipstream Software Test Developer Intern**, *BlackBerry*.
	○ 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 '&itShows' 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 - Apr. 2012	**I.T. Services Help Desk**, *University of Windsor*, Windsor, Canada.
	○ 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

EDUCATION

2015	**Bachelors of Science, Computer Science**, *University of Windsor*.
2010	**Edexcel GCE & IGCSE,** , *St. Mary's Catholic High School, Dubai*.

ACADEMIC ACHIEVEMENTS

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

UNDERGRADUATE COURSES TAKEN

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