

Jonathan Almeida

Android ★ Python ★ Git ★ C/C++

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TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C++, Javascript, Rust, Bash, Qt/QML
- **Frameworks & Other:** Firebase, Parse, NodeJS, MySQL/SQLite

GITHUB PROJECTS

- **jonalmeida/ws-p2p**
 - Peer-to-peer network with causally ordered messages using WebSockets with Rust.
- **vicinium/vicinium-android**
 - A micro location-based chat application for Android; like IRC, but location-based.
- **jonalmeida/hack-the-north-crazyflie**
 - Micro-quadcopter controlled with a Leap Motion controller.

PROFESSIONAL EXPERIENCE

- June. 2015 - **Firefox Mobile Intern, Mozilla, San Francisco.**
Sept. 2015
 - "Click-to-view images" in Firefox for Android to reduce bandwidth usages.
 - Setup a remote device farm for accessing un-used devices for a team spread across multiple offices.
 - Converting Quick Search ListView for more performant RecyclerView.
 - Technologies got to work on: Android, Javascript

May. 2014 - **Software Developer Intern, Snowplow Analytics Ltd..**
Aug. 2014
 - Created and modularized the Java event tracker; released multiple version updates.
 - Released the iOS and Android trackers, inheriting from the Java core library.
 - Managed and prioritized feature release schedules on GitHub; CI integration, etc.

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).
 - Worked with QA and product team to redesign and re-architecture the Settings UI to meet new product and technical requirements.
 - Implemented deep linking for third-party applications to link to their Settings UI.
 - Created an automation test build machine as a Jenkins node to the existing internal Jenkins farm while creating GTest test cases for it.
 - Technologies got to work on: Qt/QML, C++, Jenkins, Bash

May. 2012 - **Software Test Developer Intern, BlackBerry Ltd..**
Dec. 2012
 - Primary support for remote QA team with issues they would encounter during their testing.
 - Investigation and verification into issues seen on an infrastructure level of development.
 - Mentored junior coops on a daily basis with all the above mentioned tasks.
 - Worked in multiple war rooms with cross-departmental teams on time sensitive projects.
 - Received 'Employee Recognition Award for collaboration - an inter departmental award, that requires nomination by fellow staff and required both manager and director approval to receive.

Aug. 2011 - **I.T. Services Help Desk, University of Windsor.**
Apr. 2012
 - Provided support for installation as well as solving technical issues over the phone or remotely.
 - Technologies got to work on: Lotus Notes, Novell NetWare, Trend Micro

OTHER PERSONAL PROJECTS

- Held workshops for introductions to Git/version control.
- Technical Reviewer for Global Hackathon Seoul (reviewed 1000+ global applicants).
- Mentored at various hackathons.
 - McHacks, WearHacks, UofTHacks, HackWesterm, etc.

EDUCATION

2016 **Bachelors of Science, Computer Science, University of Windsor.**