

# Jonathan Almeida

Kotlin ★ Android ★ Python ★ Erlang

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## TECHNICAL SKILLS

- **Programming Languages:** Kotlin, Java, Erlang, Python, Javascript, Rust, Bash
- **Frameworks & Other:** Firebase, SQLite

## GITHUB PROJECTS

- **mozilla-mobile/android-components**
  - A collection of Android libraries to build browsers or browser-like applications.
- **jonalmeida/ws-p2p**
  - Peer-to-peer network with causally ordered messages using WebSockets with Rust.
- **jonalmeida/ws**
  - A WebSocket client library written in Erlang.

## PROFESSIONAL EXPERIENCE

- Aug. 2018 - **Senior Software Engineer, Mozilla**, Toronto, Ontario.  
Present
  - Contributed to Mozilla projects: **Android Components**, **Firefox for Android**, **Firefox Focus**, and **Reference Browser**.
  - Push notification support/integration: **Send Tabs** (to device), **WebPush**, etc.
  - Custom Tabs API parity & support.
- June. 2017 - **Software Engineer, Jet.com**, Hoboken, NJ.  
Jul 2018
  - Released various features on par with other clients (Web/iOS) using our Jet API: referral program, pricing logic, etc.
  - Migration of all the application's modules to Dagger 2 dependency injection; 30% app speed up.
  - Kept consistent and exceptional user experience (**highest rated e-commerce app** in the Google Play Store).
  - Miscellaneous tasks: Team/release management, feature roll-out, new-hire/intern mentoring.
- May. 2016 - **Firefox Mobile Intern, Mozilla**, San Francisco, California.  
Aug. 2016
  - Designed and created a tab grouping app (demo) for prototyping using machine learning.
  - Developed custom layouts for the homescreen in Firefox for Android to show user activity (image).
  - Helped organize and attended a Design Sprint for location-based prototyping.
- June. 2015 - **Firefox Mobile Intern, Mozilla**, San Francisco, California.  
Sept. 2015
  - "Click-to-view images" in Firefox for Android to reduce bandwidth usages (onboarding image).
  - 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.
- May. 2014 - **Software Engineer, Snowplow Analytics Ltd**, (Remote).  
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, BlackBerry Ltd**, Mississauga, Ontario.  
Dec. 2013
  - Single-handedly developed the Notification Settings in Qt (not usually reserved for interns).
  - Worked with QA and product teams to re-architecture to the new Settings UI requirements.
  - Implemented deep linking for third-party applications to link to their Settings UI.
  - Created a Jenkins automation build machine to run with Google Test test cases for it.
- May. 2012 - **Software Test Developer, BlackBerry Ltd**, Waterloo, Ontario.  
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 co-ops on a daily basis with all the above mentioned tasks.
  - Received an employee recognition award for working in multiple war rooms with other teams.

## OTHER PERSONAL PROJECTS

- Technical Reviewer for Global Hackathon Seoul (reviewed 1000+ global applicants).
- Mentored at various hackathons: McHacks, WearHacks, UofTHacks, HackWestern, etc.

## EDUCATION

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