

# Jonathan Almeida

Kotlin ★ Android ★ Python ★ Erlang

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## GITHUB PROJECTS

- **mozilla-mobile/firefox-android**
  - Firefox for Android mobile web browser built with Android Components.
- **mozilla-mobile/android-components**
  - A collection of Android libraries to build browsers or browser-like applications.
- **jonalmeida/ws**
  - A WebSocket client library written in Erlang.

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## PROFESSIONAL EXPERIENCE

- Jan. 2023 - **Staff Software Engineer, Mozilla, Toronto, Ontario.**  
Present
  - Continued contributions to Mozilla projects: Android Components, Firefox for Android, and Reference Browser.
  - Helped grow the Android engineering team to three times its original size.
  - Worked with many platform teams to design new APIs for the mobile browsers.
  - Prioritized work with product managers that were engineering-driven and user feedback-based.
- Aug. 2018 - **Senior Software Engineer, Mozilla, Toronto, Ontario.**  
Jan. 2023
  - Contributed to Mozilla projects: Android Components, Firefox for Android, Firefox Focus, and Reference Browser.
  - Contributed to the GeckoView project and feature designs.
  - Providing technical design, mentorship and support for the team and new hires.
  - 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 homes creen 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 the remote QA team with issues they would encounter during their testing.
  - Investigation and verification of issues seen at the 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.

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## EDUCATION & TECHNICAL SKILLS

- **Bachelors of Science, Computer Science**, University of Windsor
- **Programming Languages:** Kotlin, Java, Erlang, Python, Javascript, Rust, Bash
- **Frameworks & Other:** Firebase, SQLite