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 - Present
Senior Software Engineer, *Mozilla*, Toronto, Ontario.
- Contributed to Mozilla Android Components, Reference Browser, Firefox for Android, and Firefox for Fire TV.
- Push notification support/integration: Send Tabs (to device), WebPush, etc.
- Custom Tabs API parity & support.

June. 2017 - Jul 2018
Software Engineer, *Jet.com*, Hoboken, NJ.
- 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 - Aug. 2016
Firefox Mobile Intern, *Mozilla*, San Francisco, California.
- 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 - Sept. 2015
Firefox Mobile Intern, *Mozilla*, San Francisco, California.
- "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 - Aug. 2014
Software Engineer, *Snowplow Analytics Ltd*, (Remote).
- 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 - Dec. 2013
Software Developer, *BlackBerry Ltd*, Mississauga, Ontario.
- Single-handedly developed the Notification Settings in Qt (not usually reserved for internship developers).
- 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 - Dec. 2012
Software Test Developer, *BlackBerry Ltd*, Waterloo, Ontario.
- 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*.