

Russell Blickhan

1200 4th St Apt 225 San Francisco CA 94158 | 628-230-8646 | rwblickhan@gmail.com

Experience

Asana | Software Engineer — 2019–Present

iOS (Swift), Android (Java/Kotlin), Scala, Python, AWS Lambda

- Led or contributed to a wide variety of mobile projects on the iOS and Mobile Communications teams, primarily iOS but also Android and server; notably:
 - Led project to redesign inbox view on iOS to match web design, including design and implementation of app-wide snackbars to undo actions
 - Finished implementation of offline reordering on iOS with a focus on correctness
 - Led project to introduce multi-selection to the main task list views on iOS, which was a top voice-of-customer ask for the mobile apps
 - After getting buy-in from product to expand my hackathon project (bookmarking in inbox) into a major feature, designed the initial data model and led a team of three cross-platform engineers to implement it
- Created a new mobile bug triaging/oncall process and aligned this process to the Asana-standard bugs process; built tooling to automate parts of the process
- Owned the mobile release process; interfaced with cross-functional partners like legal to respond to release process delays
- Introduced regularly-scheduled technical learning talks to the mobile team
- Mentored two interns, who both accepted return offers, and a long-term apprentice

AWS Snowmobile | Software Engineer Intern — May–Aug 2018

Java, Python, AWS (Kinesis, CloudFormation)

- Implemented metrics aggregation pipeline via AWS Kinesis
- Automated deployment of pipeline to Snowmobile truck

AWS Thinkbox | Software Engineer Intern — May–Aug 2017

C++, Python

- Implemented various computer graphics algorithms for experimental point cloud mesher
- Exposed additional functionality to mesher's Python interface

T2 Systems | Embedded Software Engineer Intern — Sep 2016–Apr 2017

C++

- Implemented UI and business logic for parking meter payment software rewrite

Education

University of British Columbia — 2014–2019

Bachelor of Science, Combined Major in Computer Science & Mathematics