Russell Blickhan

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Experience

Asana | Mobile Engineer — 2019–Present

iOS (Swift), Scala, TypeScript, Python

- Led or contributed to projects across platforms on the Mobile Communications team; notably:
  - Rebuilt iOS inbox view from scratch to align with web design, including design and implementation of iOS app-wide snackbars for undo actions
  - Pursued buy-in from product managers 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 mobile engineers to implement it
  - Led project to introduce multi-selection to the main task list views on iOS, widely requested by customers
  - Helped a partner team finish a major backend refactor, working across web frontend, web backend, and mobile API
- Created a new mobile bug triaging/oncall process aligned with Asana-standard bugs triaging; 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