

# Russell Blickhan

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## Experience

### Asana

Jul 2019 - Present

#### Senior Software Engineer

Jan 2023 - Current

- Took ownership of Smart Status, one of Asana's first LLM-powered features, working across frontend, backend, and prompt engineering; led two other engineers and a product manager to prototype cutting-edge RAG techniques to improve output
- Led a team of three to add Chrome-style tabbed interface to Asana's Electron/React-based Desktop app
- Embedded on a partner team to unblock a major initiative to bring Gantt views to the webapp; recognized by team's manager as a model for other engineers due to my high velocity

#### Software Engineer

Jul 2019 - Jan 2023

- Worked across frontend (React), backend (TypeScript/Scala), and mobile (iOS/Android) to build features like:
  - "Recently online" indicators in profile pictures
  - Unread task indicators in My Tasks
  - Reorganized My Tasks view with new "group by due dates" feature
  - Starred notifications in inbox
- Mentored two interns, both of whom accepted return offers, and an apprentice
- Introduced monthly tech talks to an organization of 30 engineers
- Managed mobile on-call and release processes

### AWS Snowmobile | Software Engineer Intern

May - Aug 2018

- Implemented metrics aggregation pipeline via AWS Kinesis, with automated deployment

### AWS Thinkbox | Software Engineer Intern

May - Aug 2017

- Implemented various computer graphics algorithms in C++ for experimental point cloud mesher

### T2 Systems | Embedded Software Engineer Intern

Sep 2016 - May 2017

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

## Personal Projects

### Linty (<https://github.com/rwblickhan/linty>)

Fall 2023

- Released Rust-based command-line tool for linting for regexes across a codebase

### Obsidian Tag Search Plugin (<https://github.com/rwblickhan/obsidian-tag-search>)

Spring 2023

- Published tag search plugin in TypeScript for Obsidian note-taking app, with >2000 users

## Education

### University of British Columbia

2014-2019

Bachelor of Science, Computer Science & Mathematics