

Keri Warr

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Education

University of Waterloo

Class of 2018

- Honours Bachelor of Computer Science

Experience

Lead Software Engineer • Ample Insight June 2019 – Present

- Planned and implemented processes for training new hires such as a code review certification program.
- Kickstarted processes for improving code quality such as feature flagging, bug tracking, automated testing, and CI.
- Owned several features from end to end including a system for undoing arbitrary actions in a collaborative database.
- Provided mentorship despite working remotely by way of 1:1 meetings and diligent code review.

Software Engineer • Faire September 2018 – June 2019

- Developed order processing and fulfillment tool for small-scale manufacturers featuring competitive shipping rate selection, packing slip and shipping label generation and printing, signature confirmation, insurance, and more.
- Created an interactive analytics product enabling clients to monitor revenue, exposure, conversion, etc.
- Implemented a variety of internal tools, such as a real-time global revenue visualizer, and a developer tool platform.

Software Engineering Intern • ZenReach September 2017 – December 2017

- Built Go micro-services producing and consuming Kafka events, replicating them across several data stores.

Software Engineering Intern • Sortable May 2017 – August 2017

- Integrated various Ad Demand Partners into a real-time header-bidding ad solution for publishers.
- Vastly improved codebase quality by integrating ESLint, and other linting tools, into our Continuous Integration.
- Prototyped an In-Stream Video header-bidding ad solution from scratch, using Closure Compiler.

Software Engineering Intern • Outschool September 2016 – December 2016

- Capitalized on a highly networked target audience by designing and developing a variety of referral flows.
- Improved user retention and sense of ownership by implementing profile pages.
- Partially re-implemented back-end as a GraphQL server, and used it to develop schedule management feature.
- Delivered a report on viable GraphQL implementations and represented the company at GraphQL Summit '16.

Projects

Splitwise SDK • github.com/keriwarr/splitwise 2017 – Present

- The best JavaScript SDK for building third-party Splitwise applications. Use it to keep track of debts among friends.
- Optimized for ease of use: the most basic use case is only five lines of code!
- Extensively documented, well tested, and up to date.

Hanamikojinzou • github.com/keriwarr/hanamikojinzou 2018

- An engine that implements Hanamikoji, a fantastic two-player card game, built using in Redux.
- Enables game strategies to be rapidly tested and iterated upon.
- Works equally well with an in-browser frontend and human players, or as a headless process with bot players.

Proficiencies

- **Languages:** TypeScript • JavaScript • Ruby • C/C++
- **Front-end Web:** React • MobX • Redux • Jest • Next.js
- **Back-end Web:** GraphQL • Node.js • Ruby on Rails