

Walter Tan

GitHub github.com/waltertan12 LinkedIn linkedin.com/in/waltertan12

EXPERIENCE

Brex *Senior Software Engineer, April 2022 - Present* Remote

- Implemented an automated budget provisioning system for users, reducing the manual workload for controllers and customer support
- Designed and implemented new accounting models to enable more flexible budgets and allow for easy correction of mistakes
- Enhanced user experience by adding the ability to add budget overrides over employee attributes, allowing for multi-entity spend and more accurate accounting categorization
- Facilitated the onboarding of new hires and improved their productivity by providing training and support to quickly ramp up on company tools and processes

Squarespace *Senior Software Engineer, March 2020 - March 2022* New York, NY

- Led a team in the development of enterprise scheduling features enabling large accounts to manage several scheduling accounts
- Developed a flexible spam detection framework to prevent spam caused by appointment reminder emails from reaching end users
- Modernized the scheduling codebase by introducing concepts such as dependency injection to the backend and adding type safety to the frontend by introducing TypeScript
- Increased observability of the scheduling codebase by adding logging to the application via Monolog and AWS Cloudwatch

TripleLift *Software Engineer, Jan 2018 – March 2020* New York, NY

- Re-implemented the creative ingestion and audit workflow, leading a team to achieve greater consistency in external creative audit times and reducing the average audit time by 50%.
- Improved developer experience by adding new tooling (XDebug, ORM, Redux DevTools), upgrading application languages (PHP 5.6 to 7.2), and added new metrics and charts for better observability

Course Hero *Software Engineer, Feb 2016 – Nov 2017* Redwood City, CA

- Developed and designed portions of an internal CMS which content developers use to create Course Hero [study guides](#)
- Designed and implemented a publishing workflow that allows internal users to upload videos to multiple video platforms and display the videos on the [site](#)

EDUCATION

App Academy San Francisco, CA

- Software Development Bootcamp, August 2015

Cornell University Ithaca, NY

- Bachelor of Science in Chemical Engineering, May 2013

LANGUAGES • Kotlin, PHP, TypeScript, SQL