Walter Tan

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EXPERIENCE

Brex   *Senior Software Engineer, April 2022 - Present*   New York, NY

- Developed and implemented an automated budget provisioning system, streamlining the bulk budget creation process, and reducing manual workload for controllers and customer support
- Designed and implemented new accounting models, enabling budget movements which allowed for flexible budget structures and easy correction of mistakes
- Enhanced user experience by adding the ability to add budget overrides over employee attributes on spend, 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

- Spearheaded the development of enterprise scheduling features, enabling large accounts to manage multiple scheduling accounts and improving overall scalability and flexibility
- Developed a flexible spam detection framework to prevent spam caused by appointment reminder emails from reaching end users, improving the platform's reliability and security
- Modernized the scheduling codebase by introducing concepts such as dependency injection to the backend, adding type safety to the frontend via TypeScript, and increasing observability through logging with 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%.
- Enhanced developer experience by implementing new tooling such as XDebug, ORM, and Redux DevTools, upgrading application languages from PHP 5.6 to 7.2, and introducing new metrics and charts to improve observability

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

- Developed and designed portions of an internal CMS which content developers used 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, increasing user engagement

EDUCATION

Cornell University   Ithaca, NY

- Bachelor of Science in Chemical Engineering, May 2013

SKILLS

- Kotlin, PHP, TypeScript, React, MySQL, Postgres