

Steven Sawtelle

www.stevensawtelle.com • steven.sawtelle@gmail.com • LinkedIn: [steven-sawtelle](#) • GitHub: [stevensawtelle](#)

EXPERIENCE

Block, Inc. (formerly Square, Inc.)

Remote

Software Engineer, Customer Connections Engineering

May 2021 - current

- Developed a custom internal website for Account Managers that surfaces machine learning powered recommendations for which sellers are most valuable to interact with.
- Led development of a brand new custom internal website, where Salespeople and Account Managers can create, manage, and track nuanced contract payouts with large Square accounts.
- Led initiative to scale up a GraphQL-powered Elasticsearch instance from 50 thousand documents to over 700 million with no performance degradation.
- Maintained ~10 repos of critical projects, connecting numerous clients through a dizzying array of external and internal APIs
- **Tools:** React, Redux, Ruby, Rails, RSpec, AWS, Elasticsearch, JavaScript, SCSS, Jest

Bloomberg LP

New York, NY

Software Engineer, Consumer Mobile

Oct 2020 - Apr 2021

- Led initiative to natively render all newsletter pages to improve subscription conversion and app performance, resulting in a more consistent UI and ~10% cut in app battery usage.
- Currently leading A/B tested, data-driven initiatives across multiple teams to personalize push notification and app home feed content to maximize user engagement.
- **Tools:** React, Redux, Jest, Java, Maven, JavaScript, TypeScript, Flow

Software Engineer, Philanthropy Engineering

Jul 2019 - Oct 2020

- Led initiative to create mobile ticket access for employees at local museums, creating a flow for thousands of employees to easily visit hundreds of charitable organizations.
- Pioneered use of React and many supporting libraries in the Internal Applications department
- Helped transition databases from SQLServer to PostgreSQL and adopt GraphQL
- **Tools:** JavaScript, React, Python, GraphQL, C#, .NET, Docker, TypeScript, AngularJS

Google - Software Engineering Intern, Chrome Media User Experience

Summer 2018

- Led effort to create API for adding custom controls to Picture in Picture windows.
 - Implemented several features to improve the media experience of Chrome, with significant sections of my code still active in Chromium today.
 - **Tools:** C++, HTML, JavaScript, Git, Chromium (open source)
-

EDUCATION

Arizona State University

Tempe, AZ

Computer Science, BS – GPA 3.77/4.0

Aug 2015 - May 2019

Certificate in Cross Sector Leadership, Dean's List, Public Service Academy Award

National University of Singapore - Honors University Exchange Program

Singapore

Semester long study abroad with courses on Data Structure and Algorithms and Game Design

PROJECTS *(more at github.com/StevenSawtelle)*

Sudokube • www.github.com/StevenSawtelle/sudokube -

2020

Try it at www.stevensawtelle.com/puzzles/sudokube

- Designed and developed a new kind of puzzle combining 6 sudoku puzzles into one cube
 - **Tools:** JavaScript, 3.js
-

INTERESTS

Woodworking, Crossword Puzzle Construction, Backpacking, Budget Travel, Effective Altruism