

# Sarah Phillips

## software engineer

### EXPERIENCE

Newsela, New York, NY

#### **Software Engineer, 2022 – 2023**

- Developed two content creation tools at ed tech startup:
  - A content management system for articles and quizzes in React, Node, GraphQL (Apollo/dgraph)
  - An interactive video platform in React and TypeScript
- Migrated client-side codebase from JavaScript to TypeScript
- Improved code to follow WCAG 2.0 accessibility standards
- Improved error handling, responsiveness and user feedback with loading indicators
- Collaborated with UX team and designers to implement user-focused UI
- Maintained 89% test coverage (Jest/React Testing Library/Playwright)
- Presented demos to both technical & non-technical audiences
- Rotated as Sprint Lead: coordinated with QE on weekly releases, lead daily standup, retros, user demos and technical demos

TripleLift, New York, NY

#### **Interaction Engineer, 2019 – 2021**

- Developed the internal tool used to code native templates for programmatic advertising (React.js)
- Designed and coded bespoke, consumer-centric native templates for programmatic advertising (html, css, Javascript)
- Identified & managed the automation of repetitive tasks
- Instituted a data-collection system to better understand team capacity
- Mentored Junior Interaction Engineers

### PROJECTS

#### **LED Candle, 2023**

Github: [led-candle](#)

An Arduino LED candle with a proximity sensor that flickers the flame animation when something goes near it.

#### **Meeting Background Maker, 2020**

Github: [meeting-background-maker](#)

Generate backgrounds for video meetings from the Cooper Hewitt Museum's archive.

#### **So Trashy, 2018**

Github: [So-Trashy-React](#)

Interactive data visualization comparing New York City's Department of Sanitation's monthly collection of refuse and recycling.

### CONTACT

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### SKILLS

React.js

Javascript

Typescript

HTML5/CSS3

Node/Express

PostgreSQL

D3.js

RESTful APIs

Jest

React Testing Library

Playwright

Git

Jira

Agile/Scrum

Bootstrap

Python

Project Management

### EDUCATION

#### **General Assembly**

Software Engineering  
Intensive, 2018

New York, NY

#### **Brooklyn College CUNY**

M.F.A.

Brooklyn, NY

#### **University of Toronto**

B.A.

Toronto, ON, Canada