

Jordan Scales

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Experience

Stripe - Senior Software Engineer

Nov 2017 - Aug 2020

- Engineering lead for *Support in the Dashboard*, a capstone feature for Stripe's Premium Support product designed to give businesses visibility into the status and history of their support cases.
- Led the 6-month project involving the Operations, Design, and Marketing organizations up to the executive level. Received a career-level (L3) Senior Engineer designation for my work.
- Wrote the JavaScript infrastructure for support.stripe.com using Webpack to enable faster iteration on features for both free and paid Stripe Support experiences while reducing page size and for legacy features. This work enabled a full site redesign months later.
- Created the new homepage and office pages for Stripe Home (stripe.com/blog/stripe-home) to use the same best practices and design language found in Stripe's user-facing web products.
- Supported our Internal Communications team's efforts to keep employees connected and informed during the COVID-19 pandemic.

Khan Academy - Software Engineer

Jul 2014 - Apr 2017

- Designed and built key aspects of the web product, including new pages for articles, videos, exercises, subject/grade-level curations, and a global navigation menu. Implemented best practices with React, placing a heavy emphasis on accessibility and developer velocity.
- Built and open sourced *tota11y*, a frontend utility for identifying common accessibility violations and fixes, based on my work supporting Khan Academy's free SAT prep product.

Medium - Software Engineering Intern

Summer 2013

Ghostery - Software Engineering Intern

Summer 2011, 2012

Selected Projects

98.css (jdan.github.io/98.css) - *A design system for building faithful recreations of old UIs.*

An attempt to bring the nostalgia and usability of Windows 98's user interface to the web.

tota11y (khan.github.io/tota11y) - *An accessibility visualization toolkit.*

Highlights common accessibility issues (color, labels, headings) in-context with suggested fixes.

Additionally on github.com/jdan

- **isomer** (jdan.github.io/isomer) - isometric graphics library for HTML canvases in JavaScript
- **ocaml-data-structures** - common data structures and tests written in the OCaml language
- **fizzbuzz-polyglot** - series of FizzBuzz implementations in a variety of languages using Docker
- **ocaml-web-framework** - low-level, typed web server with basic routing and templating

Education

B.S. Computer Science, *Stevens Institute of Technology*

2010 - 2014

GPA: 3.80/4.0 • Minor: Mathematics, Science and Technology Studies

Interests

Technical Writing (thatjdanisso.cool) • Accessibility • Design Systems • Developer Experience
JavaScript Performance • Functional Programming • Education • Mentorship • UX Research