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, to give businesses visibility into the status and history of their support interactions. Led the 6-month project from ideation to release, involving members from Stripe's Operations, Design, and Marketing organizations up to the executive level. Received a career-level (L3) Senior Engineer designation for my work.
- Rewrote the JavaScript infrastructure for support.stripe.com to enable faster iteration of features for both free and paid Stripe Support experiences, while also reducing page size and JavaScript load times for legacy features. This work enabled an ambitious (and successful) redesign of support.stripe.com months later.
- Led a redesign of the home and office pages for Stripe Home (stripe.com/blog/stripe-home) in collaboration with Stripe's Internal Communications team's efforts to keep employees connected and informed during the COVID-19 pandemic.

Khan Academy - Software Engineer   Jul 2014 - Apr 2017

- Led a project to redesign (and modernize) key aspects of the web product including pages for subjects, videos, articles, and exercises with a focus on iteration and accessibility. As of 2021 these pages (as well as the redesigned global navigation menu) are still in use.
- Built and open sourced *tota11y*, a JavaScript bookmarklet to highlight common accessibility errors and suggest fixes on webpages, spun out of my accessibility work to support Khan Academy's Test Prep product. Served as a web accessibility domain expert within the company.

Medium - Software Engineering Intern   Jun 2013 - Aug 2013
Ghostery - Software Engineering Intern   Jun 2011 - Aug 2011, Jun 2012 - Aug 2012

Interests

Technical Writing (thatjdanisso.cool) · Accessibility · Design Systems · Developer Experience
JavaScript Performance · Programming Language Theory · Education · Mentorship · UX Research

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 (contrast, labels, headings) with suggested fixes.

Additionally on github.com/jdan

- **isomer** (jdan.github.io/isomer) - isometric graphics with html canvas
- **hashart** (hash.jordanscales.com) - procedurally generated art with SHA256 hashes
- **ocaml-data-structures** (github.com/jdan/ocaml-data-structures) - common data structures
- **fizzbuzz polyglot** (github.com/jdan/fizzbuzz-polyglot) - hello world with docker containers
- **ocaml-web-framework** (github.com/jdan/ocaml-web-framework) - typed web server