

Jordan Scales

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Hoboken, NJ

Experience

Stripe, Senior Software Engineer

Nov 2017 - Aug 2020

Support in the Dashboard - stripe.com/support-and-services

- Lead a team of three engineers to develop a capstone feature for a new paid support product
- Built React frontend and API for businesses to view status and details of support interactions
- Six-month effort involving Operations, Design, and Marketing functions up to the execute level

Support Products - support.stripe.com

- Built entire frontend infrastructure with Webpack to catch up with existing best practices
- Sped up developer iteration and reduced page size, enabling a full site redesign soon after

Stripe Home - stripe.com/blog/stripe-home

- Created new homepage and office pages using design system from Stripe's user-facing products
- Supported the Communications team's efforts to keep employees connected and informed during the COVID-19 pandemic with featured announcements and video content

Khan Academy, Software Engineer

Jul 2014 - Apr 2017

Content Library

- Built pages for articles, videos, subject/grade-level curations, and the global navigation menu
- Implemented best practices using React with an emphasis on accessibility and developer velocity

Frontend Accessibility

- Reviewed and prioritized results of an external audit of Khan Academy's free SAT prep product
- Built and open sourced *tota11y*, a utility for identifying common accessibility violations and fixes

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 using CSS

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

- **hashart** - art generated from SHA256 hashes (hash.jordanscales.com)
- **isomer** - isometric graphics library for the HTML canvas in JavaScript
- **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) • React • Accessibility • Design Systems • Developer Experience
JavaScript Performance • Functional Programming • API Documentation • Education • Mentorship