https://catalog.libraries.psu.edu/?utf8=%E2%9C%93&search_field=all_fields&q=dahl

| 64 | 72 | 93 | 60 | PWA |
|---|---|---|---|---|
| Performance | Accessibility | Best Practices | SEO | Progressive Web App |

| 0–49 | 50–89 | 90–100 |
|---|---|---|

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## 64

## Performance

### Metrics

| ▲ First Contentful Paint | 4.2 s | ▲ First Meaningful Paint | 4.2 s |
|---|---|---|---|
| Speed Index | 4.2 s | First CPU Idle | 5.4 s |
| Time to Interactive | 5.8 s | ▲ Max Potential First Input Delay | 290 ms |

[ View Trace ]

Values are estimated and may vary. The performance score is based only on these metrics.

**Opportunities** — These suggestions can help your page load faster. They don't directly affect the Performance score.

| Opportunity | Estimated Savings |
|---|---|
| ▲ Enable text compression | 2.85 s ⌄ |
| ▲ Eliminate render-blocking resources | 1.05 s ⌄ |
| ▲ Remove unused CSS | 1.05 s ⌄ |
| Preconnect to required origins | 0.16 s ⌄ |
| Efficiently encode images | 0.15 s ⌄ |
| ▲ Reduce server response times (TTFB) | 0.13 s ⌄ |

**Diagnostics** — More information about the performance of your application. These numbers don't <u>directly affect</u> the Performance score.

| | | |
|---|---|---|
| ▲ | Ensure text remains visible during webfont load | ⌄ |
| ▲ | Serve static assets with an efficient cache policy  — 11 resources found | ⌄ |
| ▲ | Avoid an excessive DOM size  — 1,846 elements | ⌄ |
| | Minimize Critical Requests Depth  — 7 chains found | ⌄ |
| | Keep request counts low and transfer sizes small  — 29 requests • 1,044 KB | ⌄ |

**Passed audits (13)**                                                                                    ⌄

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<div align="center">

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# Accessibility

</div>

These checks highlight opportunities to <u>improve the accessibility of your web app</u>. Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.
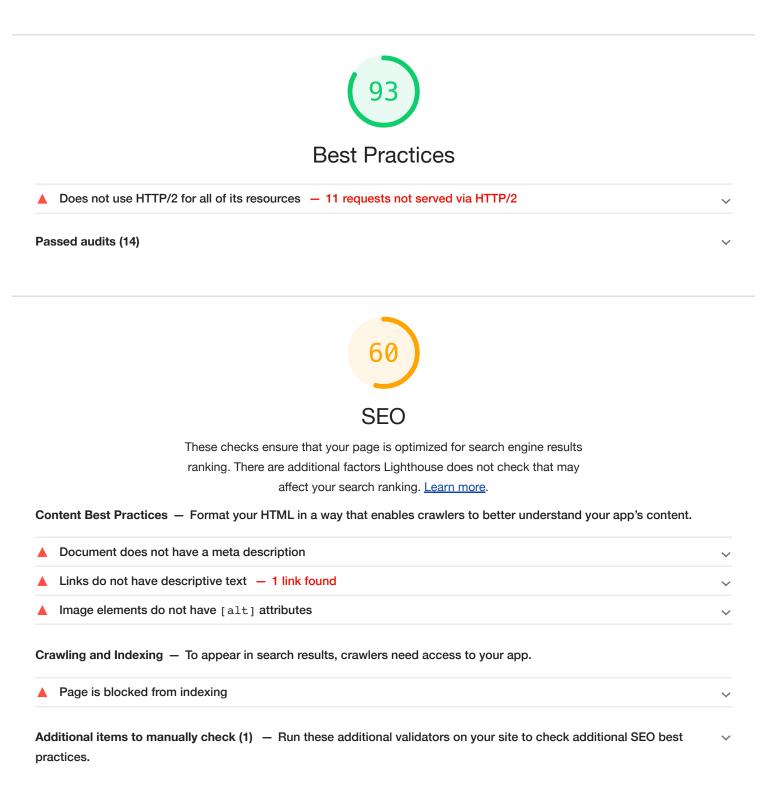
**ARIA** — These are opportunities to improve the usage of ARIA in your application which may enhance the experience for users of assistive technology, like a screen reader.

| | | |
|---|---|---|
| ▲ | `[role]` values are not valid | ⌄ |
| ▲ | `[aria-*]` attributes are not valid or misspelled | ⌄ |

**Contrast** — These are opportunities to improve the legibility of your content.

| | | |
|---|---|---|
| ▲ | Background and foreground colors do not have a sufficient contrast ratio. | ⌄ |

**Tables and lists** — These are opportunities to to improve the experience of reading tabular or list data using assistive technology, like a screen reader.

| | | |
|---|---|---|
| ▲ | `<dl>`'s do not contain only properly-ordered `<dt>` and `<dd>` groups, `<script>` or `<template>` elements. | ⌄ |

**Names and labels** — These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

| | | |
|---|---|---|
| ▲ | Image elements do not have `[alt]` attributes | ⌄ |
| ▲ | Links do not have a discernible name | ⌄ |

**Additional items to manually check (11)**  — These items address areas which an automated testing tool cannot cover.   ⌄
Learn more in our guide on <u>conducting an accessibility review</u>.

**Passed audits (16)** ⌄

**Not applicable (13)** ⌄

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# Best Practices

⚠ Does not use HTTP/2 for all of its resources — 11 requests not served via HTTP/2 ⌄

**Passed audits (14)** ⌄

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# SEO

These checks ensure that your page is optimized for search engine results
ranking. There are additional factors Lighthouse does not check that may
affect your search ranking. Learn more.

**Content Best Practices** — Format your HTML in a way that enables crawlers to better understand your app's content.

⚠ Document does not have a meta description ⌄

⚠ Links do not have descriptive text — 1 link found ⌄

⚠ Image elements do not have `[alt]` attributes ⌄

**Crawling and Indexing** — To appear in search results, crawlers need access to your app.

⚠ Page is blocked from indexing ⌄

**Additional items to manually check (1)** — Run these additional validators on your site to check additional SEO best ⌄
practices.

**Passed audits (6)** ⌄

**Not applicable (3)** ⌄

# Progressive Web App

These checks validate the aspects of a Progressive Web App. Learn more.

### Fast and reliable

Page load is fast enough on mobile networks ⌄

▲ Current page does not respond with a 200 when offline ⌄

▲ start_url does not respond with a 200 when offline No usable web app manifest found on page. ⌄

### Installable

Uses HTTPS ⌄

▲ Does not register a service worker that controls page and start_url ⌄

▲ Web app manifest does not meet the installability requirements Failures: No manifest was fetched. ⌄

### PWA Optimized

Redirects HTTP traffic to HTTPS ⌄

▲ Is not configured for a custom splash screen Failures: No manifest was fetched. ⌄

▲ Does not set an address-bar theme color
  Failures: No manifest was fetched, No `<meta name="theme-color">` tag found. ⌄

Content is sized correctly for the viewport ⌄

Has a `<meta name="viewport">` tag with `width` or `initial-scale` ⌄

Contains some content when JavaScript is not available ⌄

▲ Does not provide a valid `apple-touch-icon` ⌄

**Additional items to manually check (3)** — These checks are required by the baseline PWA Checklist but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually. ⌄

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Runtime Settings

URL                    https://catalog.libraries.psu.edu/?
                       utf8=%E2%9C%93&search_field=all_fields&q=dahl

| | |
|---|---|
| **Fetch time** | Nov 15, 2019, 3:43 PM EST |
| **Device** | Emulated Desktop |
| **Network throttling** | 150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated) |
| **CPU throttling** | 4x slowdown (Simulated) |
| **User agent (host)** | Mozilla/5.0 (Macintosh; Intel Mac OS X 10_14_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/78.0.3904.97 Safari/537.36 |
| **User agent (network)** | Mozilla/5.0 (Macintosh; Intel Mac OS X 10_13_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/74.0.3694.0 Safari/537.36 Chrome-Lighthouse |
| **CPU/Memory Power** | 1404 |

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