





Performance

Metrics			=
First Contentful Paint	1.0 s	Time to Interactive	1.1 s
Speed Index	1.0 s	Total Blocking Time	0 ms
Largest Contentful Paint	1.8 s	Cumulative Layout Shift	0.002

Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.

View Original Trace



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

Opportunity

Use HTTP/2

Use HTTP/2 offers many benefits over HTTP/1.1, including binary headers and multiplexing. Learn more.

Show 3rd-party resources (1)

URL

Protocol

...api/js?client=... (maps.googleapis.com)

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

5 m

5 m

5 m

5 m

5 m

5 m

5 m

5 m

23 KiB

23 KiB

23 KiB

22 KiB

21 KiB

21 KiB

20 KiB

19 KiB

/maps/vt?pb=... (www.google.com)

URL	Cache TTL	Transfer Size
/maps/vt?pb= (www.google.com)	5 m	19 KiB
/maps/vt?pb= (www.google.com)	5 m	14 KiB
img/hero.jpg (michaelhesch.github.io)	10 m	455 KiB
css/style.css (michaelhesch.github.io)	10 m	2 KiB
api/js?client= (maps.googleapis.com)	30 m	44 KiB
api/js?client= (maps.googleapis.com)	30 m	44 KiB
api/js?client= (maps.googleapis.com)	30 m	44 KiB
api/js?client= (maps.googleapis.com)	30 m	43 KiB
api/js?client= (maps.googleapis.com)	30 m	43 KiB
api/js?client= (maps.googleapis.com)	30 m	43 KiB
js/StaticMapService.GetMapImage? (maps.googleapis.com)	1 d	29 KiB
js/StaticMapService.GetMapImage? (maps.googleapis.com)	1 d	28 KiB
/kh?v=899&hl=en&x=8760&y=6088&z=14 (khms0.googleapis.com)	1 d	26 KiB
js/StaticMapService.GetMapImage? (maps.googleapis.com)	1 d	24 KiB
/kh?v=899&hl=en&x=8609&y=5642&z=14 (khms1.googleapis.com)	1 d	24 KiB
/kh?v=899&hl=en&x=7907&y=5311&z=14 (khms1.googleapis.com)	1 d	23 KiB
js/StaticMapService.GetMapImage? (maps.googleapis.com)	1 d	23 KiB
js/StaticMapService.GetMapImage? (maps.googleapis.com)	1 d	21 KiB
js/StaticMapService.GetMapImage? (maps.googleapis.com)	1 d	15 KiB

Avoid enormous network payloads — Total size was 2,903 KiB

Large network payloads cost users real money and are highly correlated with long load times. Learn more.

✓ Show 3rd-party resources (9)

URL	Transfer Size
img/hero.jpg (michaelhesch.github.io)	454.8 KiB
10/util.js (maps.googleapis.com)	85.5 KiB
10/util.js (maps.googleapis.com)	85.5 KiB
10/util.js (maps.googleapis.com)	85.5 KiB
10/util.js (maps.googleapis.com)	85.5 KiB
10/util.js (maps.googleapis.com)	85.5 KiB
10/util.js (maps.googleapis.com)	85.5 KiB
webfonts/fa-brands-400.woff2 (use.fontawesome.com)	72.9 KiB
10/init_embed.js (maps.gstatic.com)	64.7 KiB

URL Transfer Size

...10/init_embed.js (maps.gstatic.com)

64.6 KiB

Avoid chaining critical requests — 6 chains found

The Critical Request Chains below show you what resources are loaded with a high priority. Consider reducing the length of chains, reducing the download size of resources, or deferring the download of unnecessary resources to improve page load. <u>Learn more</u>.

Maximum critical path latency: 300 ms

Initial Navigation

/ci-ms-1/locations.html (michaelhesch.github.io)

...css/bootstrap.min.css (maxcdn.bootstrapcdn.com) - 30 ms, 20.29 KiB

...css/all.css (use.fontawesome.com)

...webfonts/fa-brands-400.woff2 (use.fontawesome.com) - 60 ms, 72.95 KiB

...css/style.css (michaelhesch.github.io)

/css?family=Open+Sans (fonts.googleapis.com)

...v18/mem8YaGs1....woff2 (fonts.gstatic.com) - 40 ms, 8.98 KiB

/jquery-3.3.1.slim.min.js (code.jquery.com) - 100 ms, 23.65 KiB

...umd/popper.min.js (cdnjs.cloudflare.com) - 100 ms, 6.81 KiB

...js/bootstrap.min.js (stackpath.bootstrapcdn.com) - 100 ms, 13.84 KiB

Keep request counts low and transfer sizes small — 142 requests • 2,903 KiB

To set budgets for the quantity and size of page resources, add a budget.json file. Learn more.

Resource Type	Requests	Transfer Size
Total	142	2,902.6 KiB
Script	75	1,689.1 KiB
Image	36	986.6 KiB
Font	8	174.7 KiB
Stylesheet	7	39.7 KiB
Other	9	9.3 KiB
Document	7	3.2 KiB
Media	0	0.0 KiB
Third-party	139	2,442.6 KiB

Largest Contentful Paint element — 1 element found

This is the largest contentful element painted within the viewport. Learn More

ssed audits (28)	^
	0
h4	
	0
h4	
	0
div#collapsibleNavbar.colla	ipse.navbar-collapse
	0.001
h3	
	0.001
Element h2#hero-text	CLS Contribution
These DOM elements contribute most to the CLS of the pag	ge.
Avoid large layout shifts — 5 elements found	
div#hero-image	
Element	

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles. <u>Learn more</u>.

✓ Show 3rd-party resources (2)		
URL	Transfer Size	Potential Savings
css/bootstrap.min.css (maxcdn.bootstrapcdn.com)	20.3 KiB	380 ms
css/all.css (use.fontawesome.com)	13.3 KiB	340 ms
css/style.css (michaelhesch.github.io)	1.9 KiB	140 ms
Properly size images		^
Serve images that are appropriately-sized to save cellular data and improve load time. Lea	arn more.	
Defer offscreen images		^
Consider lazy-loading offscreen and hidden images after all critical resources have finished interactive. <u>Learn more</u> .	d loading to lower time to)
Minify CSS		^
Minifying CSS files can reduce network payload sizes. <u>Learn more</u> .		
Minify JavaScript		^
Minifying JavaScript files can reduce payload sizes and script parse time. Learn more.		
Remove unused CSS — Potential savings of 33 KiB		^
Remove dead rules from stylesheets and defer the loading of CSS not used for above-the-unnecessary bytes consumed by network activity. <u>Learn more</u> .	-fold content to reduce	
Show 3rd-party resources (
URL	Transfer Size	Potential Savings
css/bootstrap.min.css (maxcdn.bootstrapcdn.com)	20.3 KiB	19.6 KiB
css/all.css (use.fontawesome.com)	13.3 KiB	13.2 KiB
Remove unused JavaScript		^
Remove unused JavaScript to reduce bytes consumed by network activity. <u>Learn more</u> .		
Efficiently encode images		^
Optimized images load faster and consume less cellular data. <u>Learn more</u> .		
Serve images in next-gen formats		^
Image formats like JPEG 2000, JPEG XR, and WebP often provide better compression that faster downloads and less data consumption. <u>Learn more</u> .	an PNG or JPEG, which	means
Enable text compression		^
Text-based resources should be served with compression (gzip, deflate or brotli) to minimizemore.	ze total network bytes. <u>L</u>	<u>earn</u>
Preconnect to required origins		

	Consider adding `preconnect` or `dns-prefetch` resourd Learn more.	ce hints to establish early connections to importan	t third-party origins.
	Initial server response time was short — Root docume	ent took 40 ms	^
	Keep the server response time for the main document	short because all other requests depend on it. Lea	arn more.
		Show 3r	rd-party resources (0)
	URL		Time Spen
	/ci-ms-1/locations.html (michaelhesch.github.io)		40 ms
	Avoid multiple page redirects		^
	Redirects introduce additional delays before the page of	can be loaded. <u>Learn more</u> .	
	Preload key requests		^
	Consider using ` <link rel="preload"/> ` to prioritize fetchingmore.	g resources that are currently requested later in pa	age load. <u>Learn</u>
	Use video formats for animated content		^
	Large GIFs are inefficient for delivering animated conte PNG/WebP for static images instead of GIF to save ne	•	nations and
	Remove duplicate modules in JavaScript bundles		^
	Remove large, duplicate JavaScript modules from bund	dles to reduce unnecessary bytes consumed by ne	etwork activity.
	Avoid serving legacy JavaScript to modern browsers		^
	Polyfills and transforms enable legacy browsers to use modern browsers. For your bundled JavaScript, adopt a detection to reduce the amount of code shipped to mode. More	a modern script deployment strategy using module	e/nomodule feature
	Preload Largest Contentful Paint image — Potential s	avings of 60 ms	^
	Preload the image used by the LCP element in order to	improve your LCP time. <u>Learn more</u> .	
		Show 3r	rd-party resources (0)
	URL		Potential Savings
	img/hero.jpg (michaelhesch.github.io)		60 ms
	Avoids an excessive DOM size — 140 elements		^
,	A large DOM will increase memory usage, cause longe	er style calculations, and produce costly layout refl	ows. <u>Learn more</u> .
	Statistic	Element	Value
	Total DOM Elements		140
	Maximum DOM Depth	a.nav-link	7

Statistic	Element		Value
Maximum Child Elements	div.col-md-4.map-container		10
User Timing marks and measures			^
Consider instrumenting your app with the User Timing experiences. <u>Learn more</u> .	API to measure your app's real-world	d performance durir	ng key user
JavaScript execution time — 0.0 s			^
Consider reducing the time spent parsing, compiling, a with this. <u>Learn more</u> .	and executing JS. You may find delive	ering smaller JS pay	/loads helps
		Show 3rd-part	ty resources (0)
URL	Total CPU Time	Script Evaluation	Script Parse
/ci-ms-1/locations.html (michaelhesch.github.io)	81 ms	1 ms	0 ms
Minimizes main-thread work — 0.2 s			^
Consider reducing the time spent parsing, compiling ar with this. <u>Learn more</u>	nd executing JS. You may find delive	ring smaller JS pay	loads helps
Category			Time Spent
Other			55 ms
Rendering			36 ms
Style & Layout			22 ms
Script Evaluation			18 ms
Parse HTML & CSS			17 ms
Script Parsing & Compilation			4 ms
Minimize third-party usage — Third-party code blocke	ed the main thread for 0 ms		^
Third-party code can significantly impact load performal load third-party code after your page has primarily finis		third-party providers	s and try to
		Show 3rd-part	ty resources (0)
Third-Party	Transfer Size	Main-Threa	ad Blocking Time
Google Maps	1,800 KiB		0 ms
10/util.js (maps.googleapis.com)	513 KiB		0 ms
10/init_embed.js (maps.gstatic.com)	388 KiB		0 ms
api/js?client= (maps.googleapis.com)	262 KiB		0 ms
10/common.js (maps.googleapis.com)	185 KiB		0 ms
10/map.js (maps.googleapis.com)	127 KiB		0 ms

0 ms

326 KiB

Other resources

Third-Party	Transfer Size	Main-Thread Blocking Time
Other Google APIs/SDKs	312 KiB	0 ms
/maps/vt?pb= (www.google.com)	27 KiB	0 ms
/maps/vt?pb= (www.google.com)	26 KiB	0 ms
/maps/vt?pb= (www.google.com)	24 KiB	0 ms
/maps/vt?pb= (www.google.com)	24 KiB	0 ms
/maps/vt?pb= (www.google.com)	23 KiB	0 ms
Other resources	189 KiB	0 ms
Google Fonts	106 KiB	0 ms
v27/KFOICnqEuwoff2 (fonts.gstatic.com)	47 KiB	0 ms
v27/KFOmCnqEuwoff2 (fonts.gstatic.com)	46 KiB	0 ms
v18/mem8YaGs1woff2 (fonts.gstatic.com)	9 KiB	0 ms
FontAwesome CDN	86 KiB	0 ms
webfonts/fa-brands-400.woff2 (use.fontawesome.com)	73 KiB	0 ms
css/all.css (use.fontawesome.com)	13 KiB	0 ms
Bootstrap CDN	34 KiB	0 ms
css/bootstrap.min.css (maxcdn.bootstrapcdn.com)	20 KiB	0 ms
js/bootstrap.min.js (stackpath.bootstrapcdn.com)	14 KiB	0 ms
jQuery CDN	24 KiB	0 ms
/jquery-3.3.1.slim.min.js (code.jquery.com)	24 KiB	0 ms
Cloudflare CDN	7 KiB	0 ms
umd/popper.min.js (cdnjs.cloudflare.com)	7 KiB	0 ms
Lazy load third-party resources with facades		^
Some third-party embeds can be lazy loaded. Consider replacing the	em with a facade until they	are required. <u>Learn more</u> .
Avoids document.write()		^
For users on slow connections, external scripts dynamically injected seconds. <u>Learn more</u> .	via `document.write()` can	delay page load by tens of
Avoid long main-thread tasks		^
Lists the longest tasks on the main thread, useful for identifying wors	t contributors to input delay	. <u>Learn more</u>
Avoid non-composited animations		^
Animations which are not composited can be janky and increase CL	S. <u>Learn more</u>	
Image elements have explicit width and height		^
Set an explicit width and height on image elements to reduce layout	shifts and improve CLS. <u>Le</u>	arn more





These checks highlight opportunities to improve the accessibility of your web app. Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

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

•		colors do not have a sufficient contrast ratio. r impossible for many users to read. <u>Learn more</u> .	^
	Failing Elements	a.nav-link	
		a.nav-link.active-page	
		a.nav-link	
	ples and lists — These are op a screen reader.	portunities to improve the experience of reading tabular or list data using assistive technology	
A	Lists do not contain only <1i>>	elements and script supporting elements (<script> and <template>).</td><td>^</td></tr><tr><td></td><td>Screen readers have a specifimore.</td><td>ic way of announcing lists. Ensuring proper list structure aids screen reader output. <u>Learn</u></td><td></td></tr><tr><td></td><td>Failing Elements</td><td></td><td></td></tr><tr><td></td><td>ul</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></tbody></table></script>	

The page has a logical tab order	^
Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. <u>Learn more</u> .	
Interactive controls are keyboard focusable	^
Custom interactive controls are keyboard focusable and display a focus indicator. <u>Learn more</u> .	
Interactive elements indicate their purpose and state	^
Interactive elements, such as links and buttons, should indicate their state and be distinguishable from non-interactive elements. <u>Learn more</u> .	е
The user's focus is directed to new content added to the page	^
If new content, such as a dialog, is added to the page, the user's focus is directed to it. Learn more.	
User focus is not accidentally trapped in a region	^
A user can tab into and out of any control or region without accidentally trapping their focus. <u>Learn more</u> .	
Custom controls have associated labels	^
Custom interactive controls have associated labels, provided by aria-label or aria-labelledby. <u>Learn more</u> .	
Custom controls have ARIA roles	^
Custom interactive controls have appropriate ARIA roles. <u>Learn more</u> .	
Visual order on the page follows DOM order	^
DOM order matches the visual order, improving navigation for assistive technology. <u>Learn more</u> .	
Offscreen content is hidden from assistive technology	^
Offscreen content is hidden with display: none or aria-hidden=true. <u>Learn more</u> .	
HTML5 landmark elements are used to improve navigation	^
Landmark elements (<main>, <nav>, etc.) are used to improve the keyboard navigation of the page for assistive tech Learn more.</nav></main>	nology.
ssed audits (14)	^
[aria-*] attributes match their roles	^
Each ARIA `role` supports a specific subset of `aria-*` attributes. Mismatching these invalidates the `aria-*` attributes. more.	<u>Learn</u>
[aria-hidden="true"] is not present on the document <body></body>	^
Assistive technologies, like screen readers, work inconsistently when `aria-hidden="true"` is set on the document ` b Learn more .	ody>`.
	^
[aria-*] attributes have valid values	

	[aria-*] attributes are valid and not misspelled	^
	Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. <u>Learn more</u> .	
	The page contains a heading, skip link, or landmark region	^
	Adding ways to bypass repetitive content lets keyboard users navigate the page more efficiently. <u>Learn more</u> .	
	Document has a <title> element</td><td>^</td></tr><tr><th></th><td>The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. <u>Learn more</u>.</td><td>je</td></tr><tr><th></th><th>[id] attributes on active, focusable elements are unique</th><th>^</th></tr><tr><th></th><th>All focusable elements must have a unique 'id' to ensure that they're visible to assistive technologies. Learn more.</th><th></th></tr><tr><th></th><td><frame> Or <iframe> elements have a title</td><td>^</td></tr><tr><th></th><td>Screen reader users rely on frame titles to describe the contents of frames. <u>Learn more</u>.</td><td></td></tr><tr><th></th><td>Heading elements appear in a sequentially-descending order</td><td>^</td></tr><tr><th></th><th>Properly ordered headings that do not skip levels convey the semantic structure of the page, making it easier to navigate and understand when using assistive technologies. <u>Learn more</u>.</th><th></th></tr><tr><th></th><td><html> element has a [lang] attribute</td><td>^</td></tr><tr><th></th><th>If a page doesn't specify a lang attribute, a screen reader assumes that the page is in the default language that the user chose when setting up the screen reader. If the page isn't actually in the default language, then the screen reader might not announce the page's text correctly. <u>Learn more</u>.</th><th></th></tr><tr><th></th><td><html> element has a valid value for its [lang] attribute</td><td>^</td></tr><tr><th></th><td>Specifying a valid <u>BCP 47 language</u> helps screen readers announce text properly. <u>Learn more</u>.</td><td></td></tr><tr><th></th><td>Links have a discernible name</td><td>^</td></tr><tr><th></th><td>Link text (and alternate text for images, when used as links) that is discernible, unique, and focusable improves the navigation experience for screen reader users. <u>Learn more</u>.</td><td></td></tr><tr><th></th><td>List items (<1i>) are contained within or parent elements</td><td>^</td></tr><tr><th></th><td>Screen readers require list items (``) to be contained within a parent `` or `` to be announced properly. <u>Learn more</u>.</td><td></td></tr><tr><th></th><td>[user-scalable="no"] is not used in the <meta name="viewport"> element and the [maximum-scale] attribute is not less than 5.</td><td>^</td></tr><tr><th></th><th>Disabling zooming is problematic for users with low vision who rely on screen magnification to properly see the contents of a web page. <u>Learn more</u>.</th><th>а</th></tr><tr><th>No</th><td>ot applicable (28)</td><td>^</td></tr><tr><th></th><td>[accesskey] values are unique</td><td>^</td></tr><tr><th></th><td>Access keys let users quickly focus a part of the page. For proper navigation, each access key must be unique. Learn more</td><td><u>}</u>.</td></tr><tr><th></th><td>button, link, and menuitem elements have accessible names</td><td>^</td></tr></tbody></table></title>	

When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. [aria-hidden="true"] elements do not contain focusable descendents Focusable descendents within an `[aria-hidden="true"]` element prevent those interactive elements from being available to users of assistive technologies like screen readers. Learn more ARIA input fields have accessible names When an input field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. ARIA meter elements have accessible names When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more ARIA progressbar elements have accessible names When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more [role]s have all required [aria-*] attributes Some ARIA roles have required attributes that describe the state of the element to screen readers. Learn more. Elements with an ARIA [role] that require children to contain a specific [role] have all required children. Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn more. [role]s are contained by their required parent element ^ Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. Learn more. [role] values are valid ARIA roles must have valid values in order to perform their intended accessibility functions. Learn more. ARIA toggle fields have accessible names When a toggle field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. ARIA tooltip elements have accessible names When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more ARIA treeitem elements have accessible names

When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for

users who rely on screen readers. Learn more.

Buttons have an accessible name

rely on screen readers. Learn more. <dl>'s contain only properly-ordered <dt> and <dd> groups, <script>, <template> or <div> elements. When definition lists are not properly marked up, screen readers may produce confusing or inaccurate output. Learn more. Definition list items are wrapped in <dl> elements Definition list items ('<dt>' and '<dd>') must be wrapped in a parent '<dl>' element to ensure that screen readers can properly announce them. Learn more. ARIA IDs are unique The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. Learn more. No form fields have multiple labels Form fields with multiple labels can be confusingly announced by assistive technologies like screen readers which use either the first, the last, or all of the labels. Learn more. Image elements have [alt] attributes Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. Learn more. <input type="image"> elements have [alt] text When an image is being used as an `<input>` button, providing alternative text can help screen reader users understand the purpose of the button. Learn more. Form elements have associated labels Labels ensure that form controls are announced properly by assistive technologies, like screen readers. Learn more. The document does not use <meta http-equiv="refresh"> Users do not expect a page to refresh automatically, and doing so will move focus back to the top of the page. This may create a frustrating or confusing experience. Learn more. <object> elements have [alt] text Screen readers cannot translate non-text content. Adding alt text to '<object>' elements helps screen readers convey meaning to users. Learn more. No element has a [tabindex] value greater than 0 A value greater than 0 implies an explicit navigation ordering. Although technically valid, this often creates frustrating experiences for users who rely on assistive technologies. Learn more. Cells in a element that use the [headers] attribute refer to table cells within the same table. Screen readers have features to make navigating tables easier. Ensuring `` cells using the `[headers]` attribute only refer to other cells in the same table may improve the experience for screen reader users. Learn more. elements and elements with [role="columnheader"/"rowheader"] have data cells they describe.

When a button doesn't have an accessible name, screen readers announce it as "button", making it unusable for users who

Screen readers have features to make navigating tables easier. Ensuring table headers always refer to some set of cells may improve the experience for screen reader users. <u>Learn more</u>.

[lang] attributes have a valid value

Specifying a valid <u>BCP 47 language</u> on elements helps ensure that text is pronounced correctly by a screen reader. <u>Learn more</u>.

<video> elements contain a <track> element with [kind="captions"]

When a video provides a caption it is easier for deaf and hearing impaired users to access its information. Learn more.



Best Practices

Trust and Safety

▲ Includes front-end JavaScript libraries with known security vulnerabilities — 4 vulnerabilities detected

Some third-party scripts may contain known security vulnerabilities that are easily identified and exploited by attackers. Learn more.

Library Version	Vulnerability Count	Highest Severity
Bootstrap@4.2.1	1	Medium
j <u>Query@3.3.1</u>	3	Medium

General

▲ Issues were logged in the Issues panel in Chrome Devtools

Issues logged to the `Issues` panel in Chrome Devtools indicate unresolved problems. They can come from network request failures, insufficient security controls, and other browser concerns. Open up the Issues panel in Chrome DevTools for more details on each issue.

Show 3rd-party resources (0)

Issue type

SameSite cookie

...css/bootstrap.min.css (maxcdn.bootstrapcdn.com)

/maps?width=... (maps.google.com)

/maps?width=... (maps.google.com)

/maps?width=... (maps.google.com)

/maps?width=... (maps.google.com)

/maps?width=... (maps.google.com)

Issue type

/maps?width=... (maps.google.com) /maps/vt?pb=... (www.google.com) /maps/vt?pb=... (www.google.com)

Passed audits (15)

Uses HTTPS

All sites should be protected with HTTPS, even ones that don't handle sensitive data. This includes avoiding <u>mixed content</u>, where some resources are loaded over HTTP despite the initial request being served over HTTPS. HTTPS prevents intruders from tampering with or passively listening in on the communications between your app and your users, and is a prerequisite for HTTP/2 and many new web platform APIs. <u>Learn more</u>.

Links to cross-origin destinations are safe

Add `rel="noopener"` or `rel="noreferrer"` to any external links to improve performance and prevent security vulnerabilities. Learn more.

Avoids requesting the geolocation permission on page load

Users are mistrustful of or confused by sites that request their location without context. Consider tying the request to a user action instead. <u>Learn more</u>.

Avoids requesting the notification permission on page load

Users are mistrustful of or confused by sites that request to send notifications without context. Consider tying the request to user gestures instead. <u>Learn more</u>.

Allows users to paste into password fields

Preventing password pasting undermines good security policy. Learn more.

Displays images with correct aspect ratio

Image display dimensions should match natural aspect ratio. Learn more.

Serves images with appropriate resolution	^
Image natural dimensions should be proportional to the dismore.	splay size and the pixel ratio to maximize image clarity. <u>Learn</u>
Page has the HTML doctype	^
Specifying a doctype prevents the browser from switching	to quirks-mode. <u>Learn more</u> .
Properly defines charset	^
A character encoding declaration is required. It can be dor Content-Type HTTP response header. <u>Learn more</u> .	ne with a ` <meta/> ` tag in the first 1024 bytes of the HTML or in the
Avoids unload event listeners	^
The `unload` event does not fire reliably and listening for it Consider using the `pagehide` or `visibilitychange` events	can prevent browser optimizations like the Back-Forward Cache. instead. <u>Learn More</u>
Avoids Application Cache	^
Application Cache is deprecated. Learn more.	
Detected JavaScript libraries	^
All front-end JavaScript libraries detected on the page. Lea	arn more.
Name	Version
Bootstrap	4.2.1
jQuery	3.3.1
Avoids deprecated APIs	^
Deprecated APIs will eventually be removed from the brow	vser. <u>Learn more</u> .
No browser errors logged to the console	^
Errors logged to the console indicate unresolved problems concerns. <u>Learn more</u>	. They can come from network request failures and other browser
Page has valid source maps	^
-	code. This helps developers debug in production. In addition, ploying source maps to take advantage of these benefits. <u>Learn</u>
	Show 3rd-party resources (2)
URL	Map URL
URLjs/bootstrap.min.js (stackpath.bootstrapcdn.com)	

Not applicable (1)

Fonts with font-display: optional are preloaded

Preload 'optional' fonts so first-time visitors may use them. Learn More



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. <u>Learn more</u>.

Additional items to manually check (1) — Run these additional validators on your site to check additional SEO best practices.	^
Structured data is valid	^
Run the <u>Structured Data Testing Tool</u> and the <u>Structured Data Linter</u> to validate structured data. <u>Learn more</u> .	
Passed audits (9)	^
Has a <meta name="viewport"/> tag With width or initial-scale	^
Add a ` <meta name="viewport"/> ` tag to optimize your app for mobile screens. <u>Learn more</u> .	
Document has a <title> element</td><td>^</td></tr><tr><td>The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine is relevant to their search. <u>Learn more</u>.</td><td>e if a page</td></tr><tr><td>Document has a meta description</td><td>^</td></tr><tr><td>Meta descriptions may be included in search results to concisely summarize page content. <u>Learn more</u>.</td><td></td></tr><tr><td>Page has successful HTTP status code</td><td>^</td></tr><tr><td>Pages with unsuccessful HTTP status codes may not be indexed properly. <u>Learn more</u>.</td><td></td></tr><tr><td>Links have descriptive text</td><td>^</td></tr><tr><td>Descriptive link text helps search engines understand your content. <u>Learn more</u>.</td><td></td></tr><tr><td>Links are crawlable</td><td>^</td></tr><tr><td>Search engines may use `href` attributes on links to crawl websites. Ensure that the `href` attribute of anchor elements to an appropriate destination, so more pages of the site can be discovered. Learn More</td><td>ents links</td></tr><tr><td>Page isn't blocked from indexing</td><td>^</td></tr><tr><td>Search engines are unable to include your pages in search results if they don't have permission to crawl them. Lea</td><td><u>ırn more</u>.</td></tr></tbody></table></title>	

Document has a valid hreflang hreflang links tell search engines what version of a page they should list in search results for a given language or region. Learn more. Document avoids plugins Search engines can't index plugin content, and many devices restrict plugins or don't support them. Learn more. Not applicable (5) robots.txt is valid If your robots.txt file is malformed, crawlers may not be able to understand how you want your website to be crawled or indexed. Learn more. Image elements have [alt] attributes Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. Learn more. Document has a valid rel=canonical Canonical links suggest which URL to show in search results. Learn more. Document uses legible font sizes Font sizes less than 12px are too small to be legible and require mobile visitors to "pinch to zoom" in order to read. Strive to have >60% of page text ≥12px. Learn more. Tap targets are sized appropriately Interactive elements like buttons and links should be large enough (48x48px), and have enough space around them, to be

Runtime Settings

URL https://michaelhesch.github.io/ci-ms-1/locations.html

Fetch Time Apr 14, 2021, 11:25 PM GMT+1

easy enough to tap without overlapping onto other elements. Learn more.

Device Emulated Desktop

Network throttling 40 ms TCP RTT, 10,240 Kbps throughput (Simulated)

CPU throttling 1x slowdown (Simulated)

Channel devtools

User agent (host) Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like

Gecko) Chrome/89.0.4389.114 Safari/537.36

User agent (network) Mozilla/5.0 (Macintosh; Intel Mac OS X 10_14_6) AppleWebKit/537.36 (KHTML,

like Gecko) Chrome/84.0.4143.7 Safari/537.36 Chrome-Lighthouse

CPU/Memory Power 1074

Axe version 4.1.1

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