

ANALYSIS REPORT

<http://seokhoonlee.com/>



Summary

There are some problems on your page. The Page Analysis Score is 71.8%. The aspect performance is rather well optimized.



5

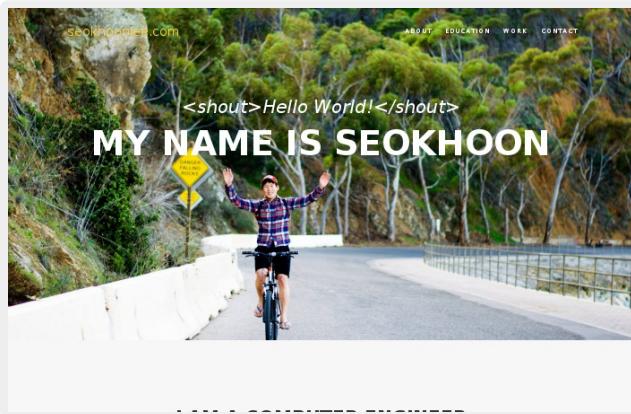
CRITICAL ERRORS

11

WARNINGS

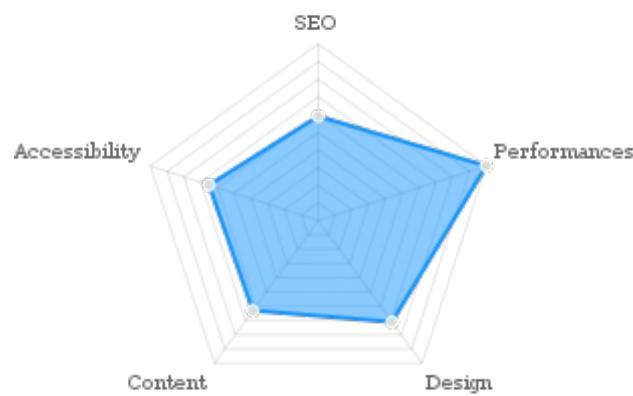
33

VALIDATIONS



Score details

SEO	59
Content	63
Design	71
Accessibility	65
Performance	100



Tasks list

- Shorten the Meta Description.
- Configure X-Xss-Protection header.
- Configure Content-Security-Policy header.
- Create a Robots.txt file.
- Define a Sitemap.
- Link the page to Google Plus.
- Add a canonical URL.
- Optimize Facebook sharing.
- Optimize Twitter Card.
- Configure ipv6 compatibility.
- Configure DNSSEC.
- Use main keywords of the Page Title.
- Add microdata.

🌐 SEO

INDEXATION OVERVIEW

[seokhoonlee.com | Computer Engineering | Portfolio...](#)

<http://seokhoonlee.com/>

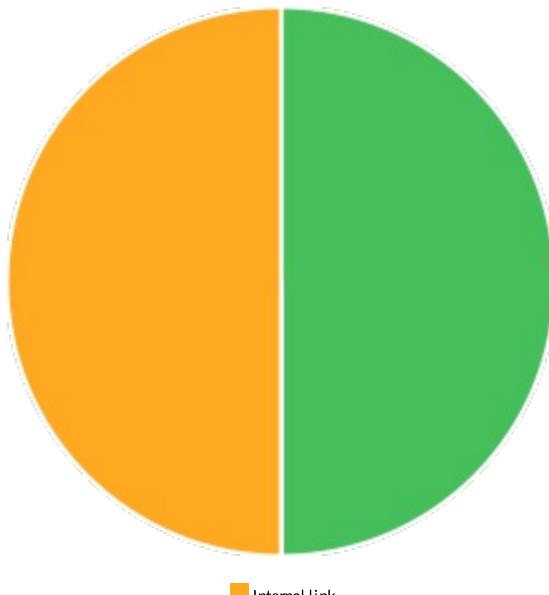
Seokhoon is a Computer Engineering student from NUS. He has spent a year in Silicon Valley where he studied Computer Science at Stanford University and...

[seokhoonlee.com | Computer Engineering | Portfolio Website](#)

<http://seokhoonlee.com/>

Seokhoon is a Computer Engineering student from NUS. He has spent a year in Silicon Valley where he studied Computer Science...

LINK JUICE OVERVIEW



 External link
 Nofollow link

HEADER INFORMATIONS

Page title	The page title is optimized. seokhoonlee.com Computer Engineering Portfolio Website																					
58 characters.	<p><i>It is recommended to have between 55 and 65 characters. The title of the page has to contain the main keywords and the name of your organisation/brand. Describe the page's content instead of keyword stuffing. Every page has to have a unique title.</i></p>																					
Meta Description	Meta description is too long. Seokhoon is a Computer Engineering student from NUS. He has spent a year in Silicon Valley where he studied Computer Science at Stanford University and interned at Gigya and LightUp. 182 characters. <p><i>It is recommended to have between 140 and 170 characters. This meta tag should describe the page without being a straight forward list of keywords and has to contain the most important keywords of the page. Ensure that each of your web pages have a unique meta description.</i></p>																					
Meta attributes	<table><thead><tr><th>TYPE</th><th>META</th><th>CONTENT</th></tr></thead><tbody><tr><td>charset</td><td></td><td>utf-8</td></tr><tr><td>http-equiv</td><td>x-ua-compatible</td><td>IE=edge</td></tr><tr><td>name</td><td>viewport</td><td>width=device-width, initial-scale=1</td></tr><tr><td>name</td><td>description</td><td>Seokhoon is a Computer Engineering student from NUS. He has spent a year in Silicon Valley where he studied Computer Science at Stanford University and interned at Gigya and LightUp.</td></tr><tr><td>name</td><td>keywords</td><td>Seokhoon Lee, Seok Hoon Lee, , Resume, Portfolio, Project, Computer Engineering, Computer Science, Coding, Programming, NUS, Stanford, Silicon Valley, Singapore, Korea, LightUp, Gigya, Techlyon, Akin, GitHub, HackerRank, Stack Overflow, LinkedIn, Startup, Entrepreneurship, NOC, Management Science and Engineering, Contact, Udemy, Coursera, Sencha, iOS, HTML, CSS, Javascript, Ruby On Rails, Python, C++, Java, Competitive Programming, Bootstrap, Django, Arduino, PHP</td></tr><tr><td>name</td><td>author</td><td>Seokhoon Lee</td></tr></tbody></table> <p><i>The meta attribute allow you to inform indications around the page which do not display in visible contents of this one.</i></p>	TYPE	META	CONTENT	charset		utf-8	http-equiv	x-ua-compatible	IE=edge	name	viewport	width=device-width, initial-scale=1	name	description	Seokhoon is a Computer Engineering student from NUS. He has spent a year in Silicon Valley where he studied Computer Science at Stanford University and interned at Gigya and LightUp.	name	keywords	Seokhoon Lee, Seok Hoon Lee, , Resume, Portfolio, Project, Computer Engineering, Computer Science, Coding, Programming, NUS, Stanford, Silicon Valley, Singapore, Korea, LightUp, Gigya, Techlyon, Akin, GitHub, HackerRank, Stack Overflow, LinkedIn, Startup, Entrepreneurship, NOC, Management Science and Engineering, Contact, Udemy, Coursera, Sencha, iOS, HTML, CSS, Javascript, Ruby On Rails, Python, C++, Java, Competitive Programming, Bootstrap, Django, Arduino, PHP	name	author	Seokhoon Lee
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name	author	Seokhoon Lee																				

INDEXATION

Meta Robots	The Meta Robots tag allows indexation by search engines. (Missing) <p><i>This meta tag indicates to search engines if they must index or not index, follow or not follow specific links. This tag can be responsible for the absence of your website in</i></p>
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search engines index.

Robots.txt

The robots.txt file does not exist.

The robots.txt file allows you to authorize or forbid the indexation of a page or a directory by a search engine. It also permits you to indicate the location of sitemap(s).

Sitemap

Sitemap is not defined.

0 sitemap(s) have been defined.

A sitemap is a file containing an ordered organisation of the linking structure of your website. This file is not only used to define the importance you attach to each page but also to help the search engines crawl your entire website. The location of the sitemap must be defined in the robots.txt file.

DUPLICATE CONTENT

WWW redirection (301)

www.seokhoonlee.com redirects to seokhoonlee.com

It is essential to redirect your web pages to http://www or http:// (with or without www) to avoid duplicate content. Your website has to be accessible through a single address. The redirection should be a 301 redirection (Moved Permanently) rather than a 302 redirection (Moved Temporarily).

Link canonical

Canonical Url is missing.

(Missing)

The attribute link rel="canonical" allows you to avoid duplicate content. This attribute informs the search engine of the preferred version of a page/content in the case you have more than one page with a similar content.

MULTIMEDIA

Alternative text

0/13 images have an optimized alternative text.

SRC

ALT

img/education/nus.jpg
img/education/stanford.jpg
img/education/mooc.jpg
img/work/lightup.png
img/work/gigya.jpeg
img/work/akin.png
img/work/lightup-intro.jpeg
img/work/lightup-electronics.gif
img/work/lightup-programming.png

img/work/gigya-intro.png
img/work/akin-intro.png
img/work/akin_tutorial.png

img/work/akin-temploy.png
img/work/akin-drwackchem.png

The alt attribute of an image element informs the search engine of its description. Choose your keywords carefully to be indexed in Image SERPs. The length of the alternative text should be inferior than 80 characters. This attribute is also used by assistance software to describe images for blind people.

NETWORKING

Number of links

The number of link tags is correct.

There are 18 links in your page.

N HREF

- 0 #page-top
- 1 #page-top
- 2 #about
- 3 #education
- 4 #work
- 5 #contact
- 6 <https://github.com/seokhoonlee>
- 7 <https://www.hackerrank.com/seokhoonlee>
- 8 <http://stackoverflow.com/users/5899959/seokhoonlee?tab=profile>
- 9 #workModal1
- 10 #workModal2
- 11 #workModal3
- 12 <https://sg.linkedin.com/in/seokhoonlee>
- 13 <https://github.com/seokhoonlee>
- 14 <http://stackoverflow.com/users/5899959/seokhoonlee?tab=profile>
- 15 <http://lightup.io>
- 16 <http://gigya.com>
- 17 <http://akinto.us>

Too many links in a page decrease the importance of each one of them.

Link Juice

There are more external links than internal links.

50% of your links are external links, whether 9/18 links.

The link juice is to the ratio between internal links and external links. It is used to detect if the site is a gateway with the aim to redirect the user towards another site or not. This ratio must be lower than 50%.

Single links

There is no double link in the page.

83.3% of your links are not single, whether 3/18 links.

Having too many duplicated links on your website is harmful for your SEO. This score is obtained by measuring the ratio between single links and duplicated links.

Links without underscores

There is no links with underscore.

100% of your internal links contain underscores (_), whether 0/9 links.

The use of underscores "_" in a link is not recommended. These are not recognized by search engines as word separators. You should replace them by hyphens "-".

Follow links

Links are corrects.

100% of your links are followed by search engines, whether 18/18 links.

This attribute indicates to search engines whether or not this link should be followed. Too many "no-follow" links increase the distribution of the link juice and decrease the importance of the other links. Wherever possible avoid defining more than five "no-follow" links on the same page.

Reliable links

Links are reliables.

100% are reliable links, whether 18/18 links.

This ratio corresponds to the number of reliable links. That is to say the number of links which search engines can crawl.

⌚ Performance



File size

5.08 ko



Compression rate

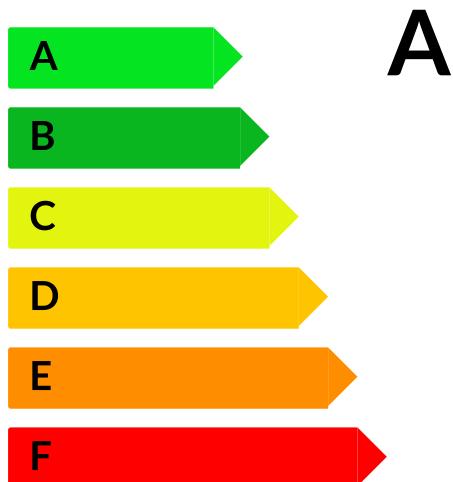
77%



Execution time

30 ms

Performance Score



DOWNLOAD OPTIMIZATION

Page weight	The page weight is correct. 5.08 ko to download to get your HTML page. <i>It is recommended not to go over 50ko for your pages (without considering images and other media. This only concerns the weight of the HTML code).</i>
Execution time	Execution time does not exceed 0.5 second. 30 ms <i>The execution time is the time your server need to return the page's content. The time is not related to the internet connection but depends of the server configuration.</i>
Page caching	The website allows page caching. 10 min cache time. <i>Caching your pages will decrease their loading time by storing them temporarily on the user's device. The caching delay has to be set depending on the page updating frequency.</i>
Compression	Server use file compression. 77% of compression ratio gzip. The real weight of your page is of 8.99 ko. <i>Compressing your web pages allows you to optimise their loading time by decreasing the amount of data to be downloaded.</i>

LOADING OPTIMIZATION

Scripts location	There is no script in the header. 0 scripts are not in the footer. <i>We recommend putting your scripts at the end of your document just before the </body>> tag to improve the loading time.</i>
Integrated scripts	There are not too much scripts in the page. 0 b scripts are directly integrated in the page. <i>It is better to include Javascript in a separate file to optimise the loading time of the page.</i>
Inline CSS	There is no inline CSS in the page. <i>This technique is not recommended because it weighs down your page. Use rather CSS classes.</i>
Style tags	There is no style tag in the page.

O b of CSS styles integrated on your page.

Avoid integrating your styles directly into the HTML file, it increases considerably the weight of the page. The use of a style attribute is tolerated for only some lines (tolerated until 2ko).

Design

DESIGN OVERVIEW



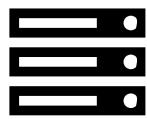
Doctype
HTML5



Charset
utf-8



SSL
Disabled



Server Ip

192.30.252.153



Design Quality
Low



Security
Low

STANDARDIZATION

Doctype	The website doctype is HTML5. HTML5 <i>Indicating the doctype used in your document is required to validate it. This doctype contains the Document Type Definition (The DTD) which defines tagging standards used in your page.</i>
Charset	Charset is valid. Header : utf-8 Meta : utf-8 <i>It is important to define the set of characters used in order to minimize display problems.</i>

LAYOUT QUALITY

Table design	Page does not use design with tables. <i>It's recommended to use divs for the structure of your website instead of Tables.</i>
Commented HTML code	There is no HTML code in HTML comments. 0 b of HTML code commented. <i>HTML code commented is useless. You should remove it from the page.</i>
Frames and iFrames	No frame or iframe has been found on the page. <i>Frames and iFrames are not recommended because their content is not readable by search engines.</i>
Flash	No flash content has been found on the page. <i>Flash animations have become obsolete and have been replaced by CSS3 and HTML5 animations. Flash animations are no longer taken into consideration by mobile devices.</i>

SERVER CONFIGURATION

Environment	Server Technology is hidden. Server : GitHub.com Technology : (Hidden) <i>It is highly recommended to hide the information related to technologies used on your web server. This is primarily to avoid giving out too much information that could be used by hackers to gain unauthorized access.</i>
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ipv6 compatibility

Website is not ipv6 ready.

IPv4: 192.30.252.153 - Reverse : pages.github.com

IPv4: 192.30.252.154 - Reverse : pages.github.com

The IPv6 protocol will soon replace the IPv4 protocol. Your web server should be prepared for the occasion.

DNS

DNSSEC is not enabled.
Reverse(s) DNS exists.

```
host : seokhoonlee.com
class : IN
ttl : 1479
type : A
ip : 192.30.252.153

host : seokhoonlee.com
class : IN
ttl : 1479
type : A
ip : 192.30.252.154

host : seokhoonlee.com
class : IN
ttl : 1799
type : NS
target : dns4.registrar-servers.com

host : seokhoonlee.com
class : IN
ttl : 1799
type : NS
target : dns2.registrar-servers.com

host : seokhoonlee.com
class : IN
ttl : 1799
type : NS
target : dns3.registrar-servers.com

host : seokhoonlee.com
class : IN
ttl : 1799
type : NS
target : dns5.registrar-servers.com

host : seokhoonlee.com
class : IN
ttl : 1799
type : NS
target : dns1.registrar-servers.com

host : seokhoonlee.com
class : IN
ttl : 3600
type : SOA
mname : dns1.registrar-servers.com
rname : hostmaster.registrar-servers.com
serial : 2016020905
refresh : 43200
retry : 3600
expire : 604800
minimum-ttl : 3601

host : seokhoonlee.com
class : IN
ttl : 1799
type : MX
pri : 10
target : eforward1.registrar-servers.com

host : seokhoonlee.com
class : IN
ttl : 1799
type : MX
pri : 15
target : eforward4.registrar-servers.com

host : seokhoonlee.com
class : IN
ttl : 1799
type : MX
pri : 20
target : eforward5.registrar-servers.com

host : seokhoonlee.com
```

```

class : IN
ttl : 1799
type : MX
pri : 10
target : eforward2.registrar-servers.com

host : seokhoonlee.com
class : IN
ttl : 1799
type : MX
pri : 10
target : eforward3.registrar-servers.com

host : seokhoonlee.com
class : IN
ttl : 1481
type : TXT
txt : v=spf1 include:spf.efwd.registrar-servers.com ~all
entries : Array

```

The DNS (Domain Name System) zone routes the user to the requested active service on the server. DNSSEC allows to reassure the authenticity of the DNS answer, to avoid any attempt of Cache Poisoning.

SECURITY

Scannable
email address

No email has been found in the page.

It is recommended to replace the email addresses by images or javascripts to avoid them being crawled by robots and used by spammers.

X-XSS-
Protection

X-Xss-Protection header is missing.

(Missing)

Recent browsers have integrated filters in order to detect a possible attack. However, this feature can be disabled. Add the "X-XSS-Protection" HTTP header with "1; mode=block" as a value (1 to indicate the activation, and mode=block to indicate that the entire page must be blocked if a problem occurs) will force the execution of these filters.

Content
Security
Header

Content-Security-Policy is missing.

(Missing)

Implementing a content security policy explains to the web browser which servers are allowed to deliver resources on the page. If the browser makes a request to an unauthorized server, it will inform the user.

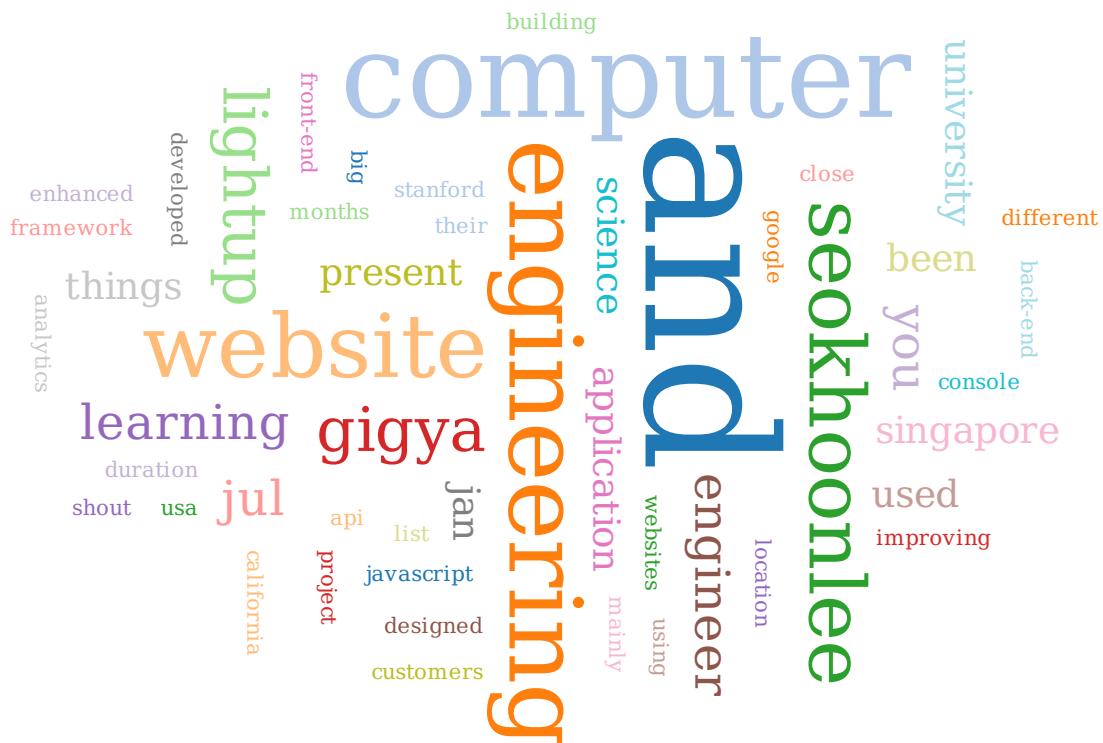
Https

HTTPS is not enabled

Https is a secure communication protocol (SSL). Even for sites that do not collect sensitive customer information, search engines suggest that switching to https may help improve rankings.

Content

CONTENT OVERVIEW



Ratio Text/code

18.55% of text in the page.



Quantity of keywords

471 keywords



Keyword repetition

307 unique keywords on 471 keywords



CONTENT PERFORMANCE

Text/code ratio	Text/Code ratio is correct. 18.55% of your page content is text type.
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The text/code ratio is used to determine the quality of a page. The higher the ratio is, the more important the content will be.

SEMANTIC

Titles	There are too many H2 titles in the page. Hx titles are optimized.
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H1	H2	H3	H4	H5	H6
1	7	5	13	2	0

TYPE CONTENT

h1	My name is Seokhoon
h2	I am a Computer Engineer
h2	I am a global learner
h2	I am experienced
h2	It's time to tell me about you
h2	LightUp
h2	Gigya
h2	Akin
h3	And as all engineers should be, I am passionate about these areas.
h3	And also a trilingual, that is, of course, without programming languages.
h3	And learning has been my utmost priority.
h3	Feel free to talk to me. I don't bite
h3	Drop me an email at seokhoonlee9393[AT]gmail[DOT]com
h4	Building Things
h4	Solving Problems
h4	Broadening Knowledge
h4	Jul 2012 - Present
h4	National University of Singapore
h4	Jul 2014 - Jul 2015
h4	Stanford University
h4	Jan 2016 - Present
h4	Massive Online Open Course
h4	What Comes Next?
h4	LightUp
h4	Gigya
h4	Akin
h5	Computer Engineering, Technopreneurship
h5	Computer Science, Management Science and Engineering

H titles are used to organise the structure of the page in relation to their order of importance. Respect their logical order. Every page has to contain at least a h1 tag.

Microdata

Microdata is not used.

Type

Microdata are used to markup structured data such as products, comments or blog articles. Use them to help search engines reading your website.

Keywords

Keywords used in Page Title does not appear in most used keywords in body.

2 of 5 title keywords appear in main keywords of your page.

Your Key expressions have to be found in the title of the page. If this is not the case either your page's title is not representative of its content or keywords used in the content of the page are not correctly thought through.

Keywords density

The page has enough keywords.

Your page contains 471 exploitable keywords, and 471 single keywords.

Expressions of 1 keyword

N	KEYWORD	OCCURRENCES	DENSITY	DENSITY WEIGHTED
1	and h3 ^{x3} h5 ^{x1}	31	10.1%	5.35%
2	used	8	2.61%	0.84%
3	application	6	1.95%	0.63%
4	lightup h4 ^{x1} h2 ^{x1} a ^{x1}	6	1.95%	1.84%
5	gigya h4 ^{x1} h2 ^{x1} a ^{x1}	6	1.95%	1.84%
6	website title ^{x1}	6	1.95%	2.62%
7	jul h4 ^{x3}	5	1.63%	1.47%
8	javascript	5	1.63%	0.52%
9	their	5	1.63%	0.52%
10	learning h3 ^{x1}	5	1.63%	1.15%
11	google	4	1.3%	0.42%
12	computer title ^{x1} h2 ^{x1} h5 ^{x2}	4	1.3%	3.67%
13	you h2 ^{x1}	4	1.3%	1.26%
14	api	4	1.3%	0.42%
15	websites	4	1.3%	0.42%
16	months	3	0.98%	0.31%
17	project	3	0.98%	0.31%
18	close	3	0.98%	0.31%
19	location	3	0.98%	0.31%
20	duration	3	0.98%	0.31%
21	designed	3	0.98%	0.31%
22	using	3	0.98%	0.31%
23	front-end	3	0.98%	0.31%
24	singapore h4 ^{x1}	3	0.98%	0.63%
25	mainly	3	0.98%	0.31%
26	developed	3	0.98%	0.31%
27	jan h4 ^{x1}	3	0.98%	0.63%
28	analytics	3	0.98%	0.31%
29	---	2	0.66%	0.26%

29 seokhoonlee title ^{x1} a ^{x1}	5	0.98%	2.56%
30 customers	3	0.98%	0.31%
31 engineer h2 ^{x1}	3	0.98%	1.15%
32 engineering title ^{x1} h5 ^{x2}	3	0.98%	2.73%
33 things h4 ^{x1}	3	0.98%	0.63%
34 list	2	0.65%	0.21%
35 console	2	0.65%	0.21%
36 present h4 ^{x2}	2	0.65%	0.84%
37 back-end	2	0.65%	0.21%
38 been h3 ^{x1}	2	0.65%	0.84%
39 big	2	0.65%	0.21%
40 science h5 ^{x2}	2	0.65%	0.63%
41 stanford h4 ^{x1}	2	0.65%	0.52%
42 university h4 ^{x2}	2	0.65%	0.84%
43 different	2	0.65%	0.21%
44 california	2	0.65%	0.21%
45 usa	2	0.65%	0.21%
46 building h4 ^{x1}	2	0.65%	0.52%
47 improving	2	0.65%	0.21%
48 framework	2	0.65%	0.21%
49 shout	2	0.65%	0.21%
50 enhanced	2	0.65%	0.21%

Expressions of 2 keywords

N	KEYWORD	OCCURRENCES	DENSITY	DENSITY WEIGHTED
1	i am h2 ^{x3} h3 ^{x1}	6	1.36%	3.6%
2	seokhoonlee com title ^{x1} a ^{x1}	3	0.68%	2.25%
3	mainly used	3	0.68%	0.3%
4	javascript ●	3	0.68%	0.3%
5	lightup s	3	0.68%	0.3%
6	close project	3	0.68%	0.3%
7	am a h2 ^{x2}	3	0.68%	1.9%
8	● developed	3	0.68%	0.3%
9	s application	2	0.45%	0.2%
10	in lightup	2	0.45%	0.2%

Expressions of 3 keywords

N	KEYWORD	OCCURRENCES	DENSITY	DENSITY WEIGHTED
1	i am a h2 ^{x2}	3	0.79%	2.67%
2	in lightup s	2	0.53%	0.28%
3	lightup s application	2	0.53%	0.28%
4	in their websites	2	0.53%	0.28%
5	mainly used javascript	2	0.53%	0.28%
6	used javascript ●	2	0.53%	0.28%
7	client services engineer	2	0.53%	0.28%
8	gigya s api	2	0.53%	0.28%
~	~ ~ ~ ~ ~	~	~ ~ ~ ~	~ ~ ~ ~

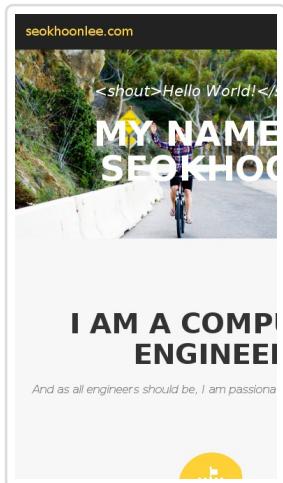
9	check out my	2	0.53%	0.28%
10	not support javascript!	1	0.26%	0.14%

Work your main keywords to target the theme of your page.

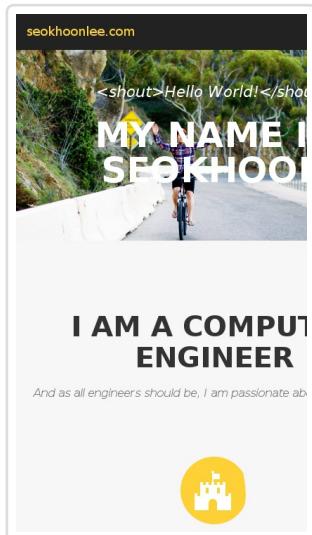
⌚ Accessibility

ACCESSIBILITY OVERVIEW

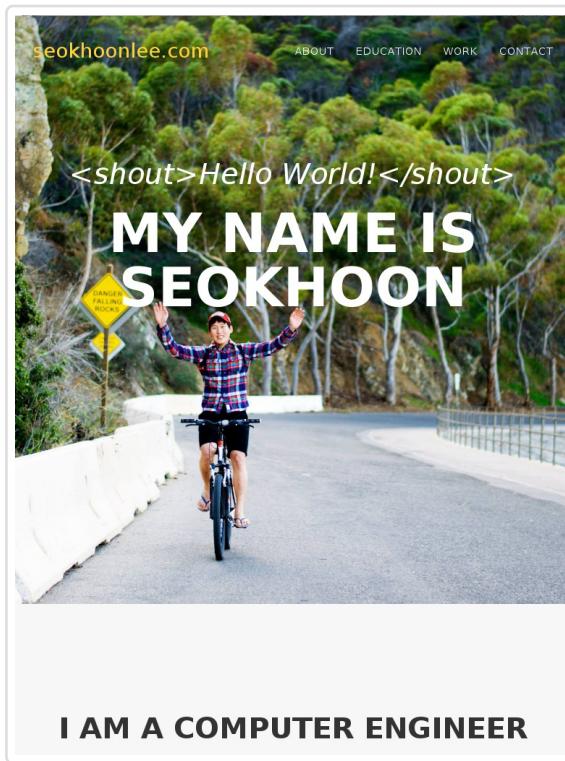
iPhone 6



iPhone 6 Plus



iPad



ACCESSIBILITY

URL rewriting

URLs are clean.

URL rewriting allows you to rewrite this kind of link: <http://www.car.com/page.php?id=2&category=3> to a more user-friendly one like: <http://www.car.com/sedan-diesel-2009>. This option also allows you to add keywords to describe the concerned page.

Domain length

The domain name length is correct.

seokhoonlee.com

15 characters.

A long domain name has less chance to be quickly memorized by the user.

USABILITY

Noscript Tag

A noscript tag has been defined.

The noscript tag is used to display a message to the user when Javascript is not enabled.

Bgsound

There is no Bgsound tag on the page.

Use the audio tag to deliver audio content on your page instead of the bgsound tag.

Input label

There is no form input in the page.

You should add a valid input label `<label for="element_id">Input name</label>` to each form input.

INTERNATIONALIZATION

Language

Content language is defined.

Lang attribute of the HTML document: en
Lang attribute of the HTTP header: (Missing)

The language defined in your document has to be the same as the language used on your web pages and the same as used by your main target market.

SHARING

Open Graph

Open Graph is not used.

Open Graph attributes allow you to define the content of a Facebook page. Choose a picture corresponding to the content of your page rather than a simple logo.

Twitter card

The twitter card is not defined.

Twitter Cards are miniatures generated during the sharing of a link towards your website. Define a title and a description corresponding to the content of your page.

Google+ Publisher

The page is not linked to Google Plus.

Connect your Google account on your page by adding a link rel="publisher" tag to define the author of this one.

MOBILE COMPATIBILITY

Responsive

This tag indicates to mobile devices the dimension of the page to show. It allows to adapt at best your page to small screens. It is typical in Responsive Web Designs.

