

# **Technical Audit Report**

## **Cyber Security Global Alliance**



**Prepared for:**

Client's name: Cyber Security Global Alliance

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## Confidentiality statement

This report is confidential and is intended solely for the use of the entity to whom it is addressed. Unauthorized distribution or disclosure of this report is strictly prohibited.

## Introduction

Testing this website will allow you to view the functionality of the page, accessibility, website speed and how easy and understandable it is to used. The following document will describe the errors that were found, used desktop testing and mobile testing.

## Web page functionality testing

### Section ‘About’

1. The image links within the ‘Hot Topic Announcements’ section are not clickable, except for the last logo.

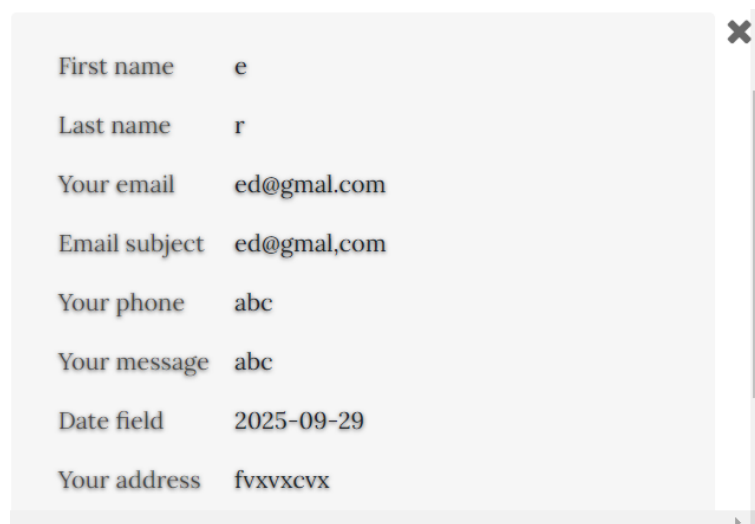


## Section 'Directory'

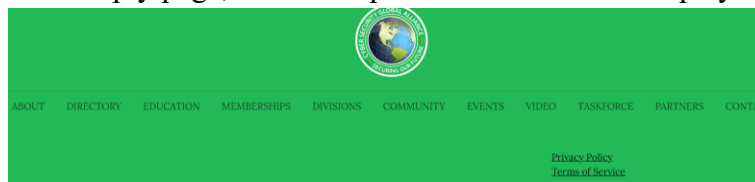
1. <https://www.csga-global.org/team> The 'Biography' link is not clickable.



2. <https://www.csga-global.org/csga-ctf-registration> The registration form has data validation issues for the 'Date' and 'Phone' fields, and there's an opportunity to enhance user experience by automatically populating the 'Date' field.

The image shows a screenshot of a registration form in a modal window. The form has a light gray background and a close button (X) in the top right corner. It contains the following fields and values: First name: e, Last name: r, Your email: ed@gmal.com, Email subject: ed@gmal.com, Your phone: abc, Your message: abc, Date field: 2025-09-29, and Your address: fvxxxcvx.

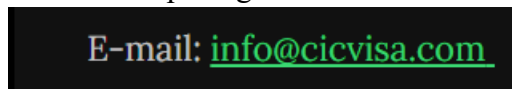
3. <https://www.csga-global.org/store> Clicking on one of the membership options leads to an empty page, and the expected content is not displayed.



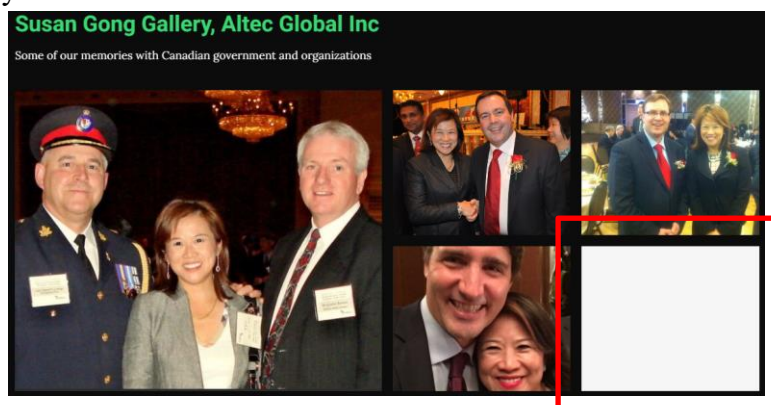
4. <https://www.csga-global.org/employment> Clicking the 'For more information' button in the 'Environmental & Renewal Energies' section leads to a 404 error, indicating that the page is not found.
5. <https://www.csga-global.org/global-memberships> Clicking on the picture link titled 'Volunteer Memberships' results in a 'Page Not Found' error (HTTP 404).



6. <https://www.csga-global.org/immigration> Clicking on an email link opens an empty window without composing an email.



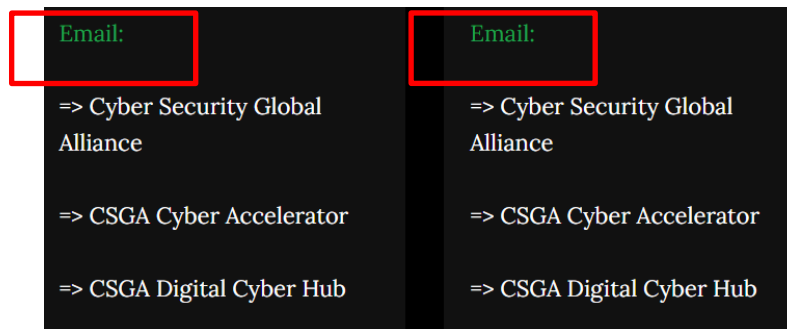
7. <https://www.csga-global.org/immigration> The last image Nr.#5 in the picture gallery cannot be loaded.



8. <https://www.csga-global.org/directory> The 'For More Information' button in the 'Koncyber the podcast w/Kenrick Bagnall' section is non-functional and does not respond to user interaction.



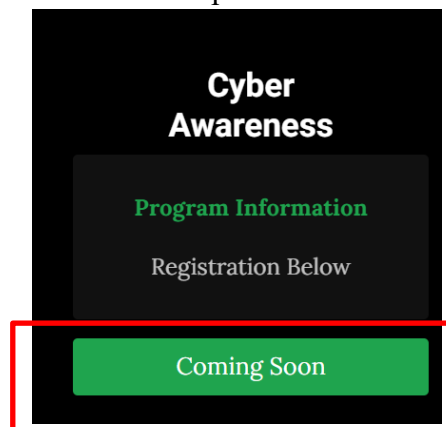
9. <https://www.csga-global.org/csga-locations> The email links is not active for UK and Finland.

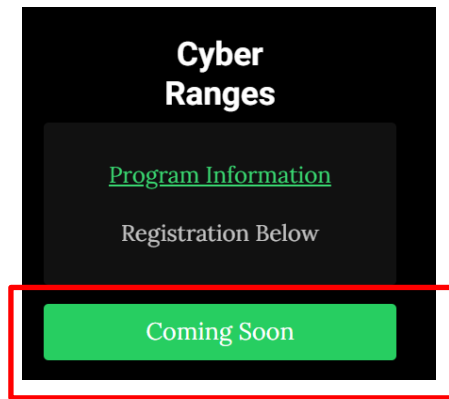


10. <https://www.csga-global.org/directory> Clicking on the 'For More Information' button in the 'Quantum Technologies' section results in a 'Page Not Found' error (HTTP 404).

## Section 'Education'

11. <https://www.csga-global.org/csga-cyber-education> The 'Coming Soon' button is non-functional and does not respond to user interaction.



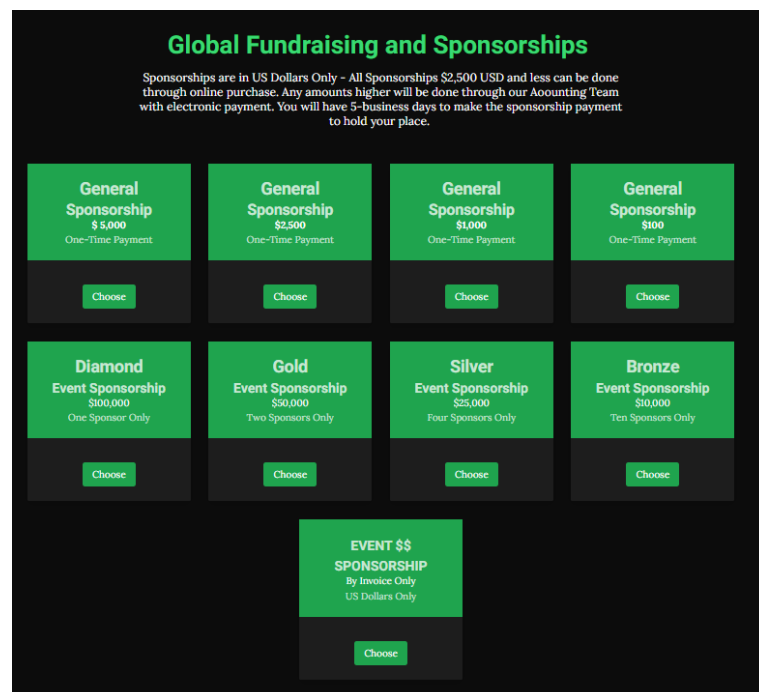


12. <https://www.csga-global.org/education> Clicking on the 'Terranova Cyber Solutions' link results in a 'Page Not Found', error (HTTP 404).



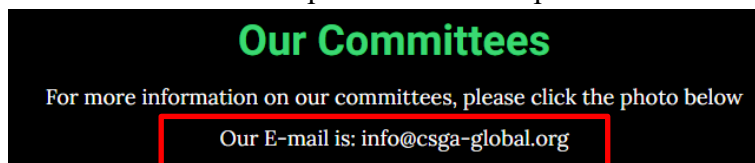
## Section 'Memberships'

13. <https://www.csga-global.org/-usd> Clicking the 'Choose' button results in the window being partially redirected to a store page and partially to an email composition interface.

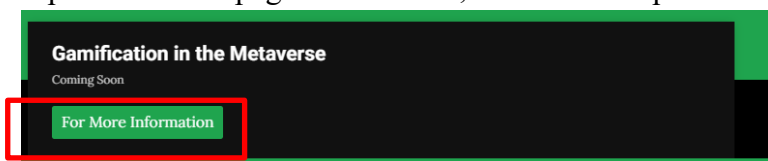


## Section ‘Division’

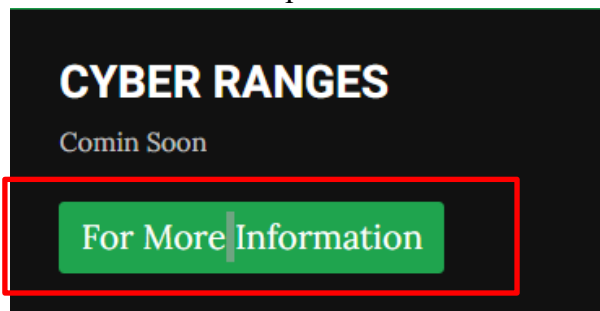
14. <https://www.csga-global.org/committees> Clicking on an email link (email text) does not activate the link or open an email composition window.



15. <https://www.csga-global.org/gamification> Clicking the ‘For More Information’ button opens the same page in a new tab, which is unexpected behaviour.



16. <https://www.csga-global.org/cyber-ranges> The ‘For More Information’ button is non-functional and does not respond to user interaction.



17. <https://www.csga-global.org/divisions> Clicking on the ‘Membership’ link results in a ‘Page Not Found’ error (HTTP 404).

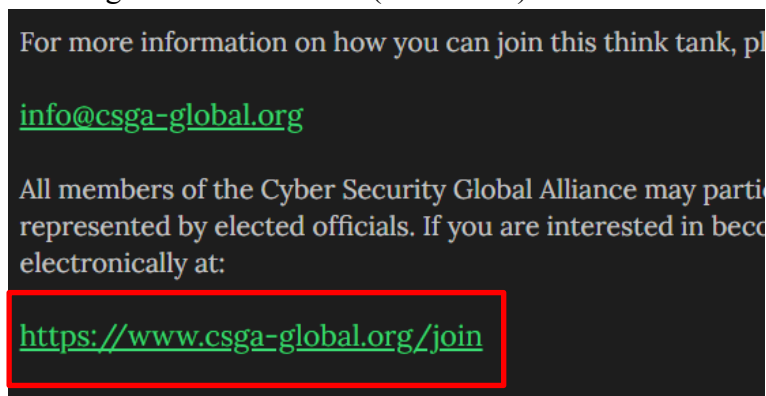




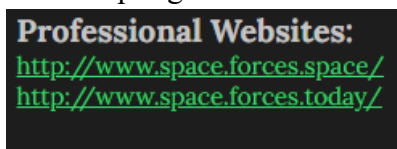
18. <https://www.csga-global.org/divisions> The 'CYBER PODCASTS' and 'CYBER TASK FORCE' links do not have associated URLs, preventing users from accessing related content.



19. <https://www.csga-global.org/think-tank-1> Clicking the link to the home page result in a 'Page Not Found' error (HTTP 404).



20. <https://www.csga-global.org/think-tank-3> Both web pages are not available and result in an error when attempting to access them.



21. <https://www.csga-global.org/think-tank> Clicking on the 'Hacking Cyber Health' link redirects users to an empty page with no content. <https://www.csga-global.org/think-tank-7>

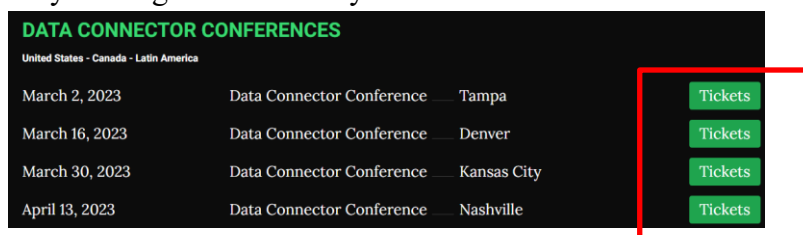


22. <https://www.csga-global.org/divisions> Clicking on the 'VOLUNTEERS' link results in a 'Page Not Found' error (HTTP 404).



## Section 'Community'

23. <https://www.csga-global.org/data-connectors> The 'Tickets' button is still available for conferences that have already taken place, creating confusion and potentially leading to unnecessary clicks.



24. <https://www.csga-global.org/data-connectors> The pages for the dates 'December 14, 2023' and 'December 7, 2023' cannot be found and result in a 'Page Not Found' error (HTTP 404).

December 14, 2023	Data Connector Conference — LATAM	<a href="#">Tickets</a>
December 7, 2023	Data Connector Conference — Dallas	<a href="#">Tickets</a>

## Section ‘Video’

25. <https://www.csga-global.org/video> In video no English subtitles, how it's written in video descriptions and no navigate line for video The video lacks English subtitles, even though they are mentioned in the video descriptions, and there is no navigation line for the video.

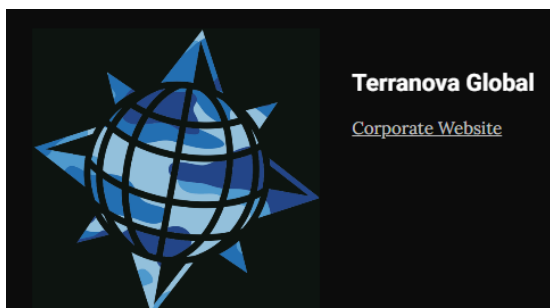
## Section ‘Taskforce’

26. <https://www.csga-global.org/taskforce> Clicking on the ‘TASKFORCE’ and ‘TASK FORCE #3’ link results in a ‘Page Not Found’ error (HTTP 404).



## Section ‘Partners’

27. <https://www.csga-global.org/partners> The ‘Terranova Global’ picture link is unresponsive and does not lead to the intended destination.

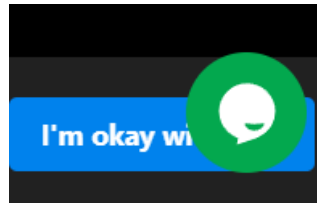


28. <https://www.csga-global.org/partners> Only two company logos have picture links to the home page, and there is inconsistency in the styling of the section.

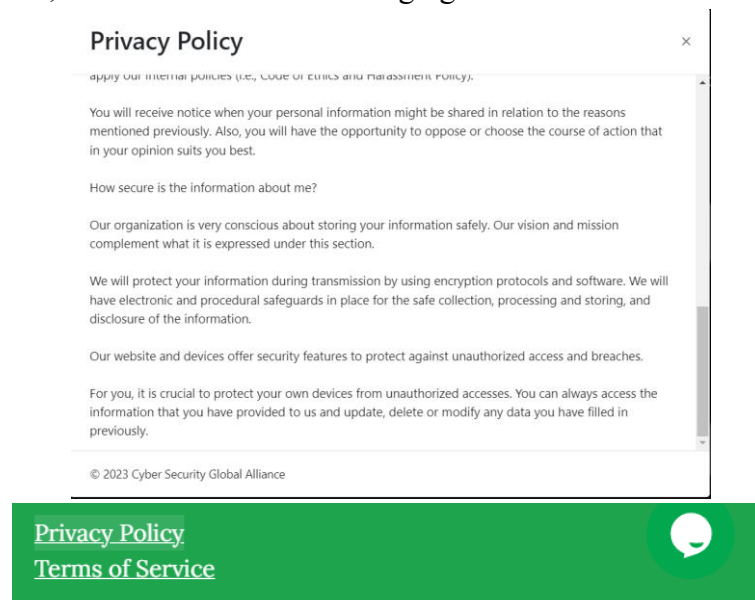
## Web page non-functional testing

### Section 'About'

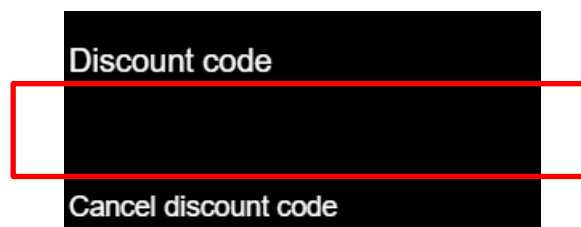
1. The text related to accepting cookies on the main page is not fully visible, making it difficult for users to read and understand the message.



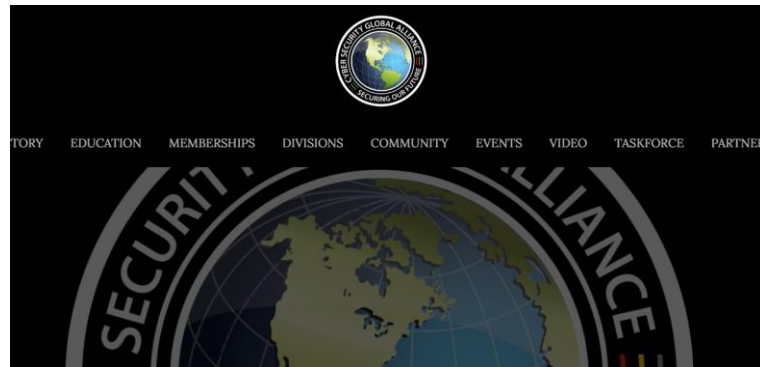
2. There is no close button at the end of the Privacy Policy and Terms of Service windows, which can make it challenging for users to exit these windows.



3. The discount code text field in the 'Your Card' section is not visible to users, and there is a need to add a field border for clarity.



4. The company logo is not displayed in their full size, which may affect their visibility and presentation.



5. The text in the brochure is illegible, making it difficult for users to read and understand the content.



**YOU GET PAID FOR  
NEW MEMBER REFERRALS!!**

6. The text is not aligned correctly relative to the title, resulting in a misalignment that affects the visual presentation.



## Section ‘Directory’

7. <https://www.csga-global.org/directory> There is a syntax bug in the content, specifically a double occurrence of the word ‘out’ which impacts the readability and correctness of the text.

### COMMUNITY PARTNERS

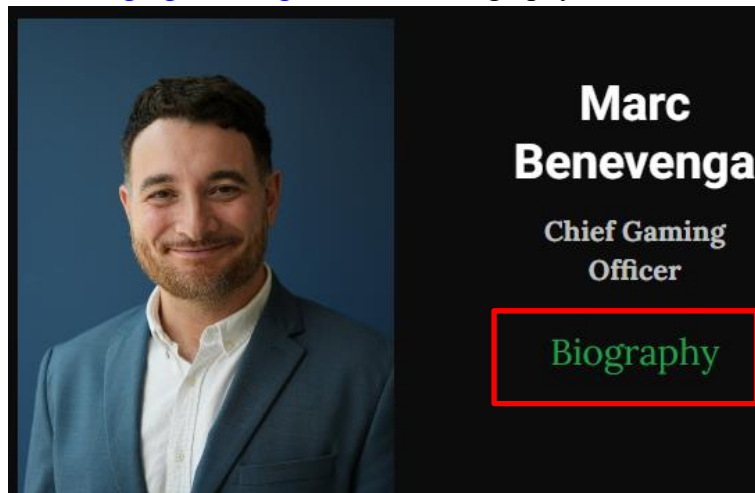
For more information on CSGA community Partners, their Corporate Events and Industry News, check out out today!

8. <https://www.csga-global.org/dr-sashi-bakka> A paragraph of text should be reformatted with bullet points to enhance readability and organization.

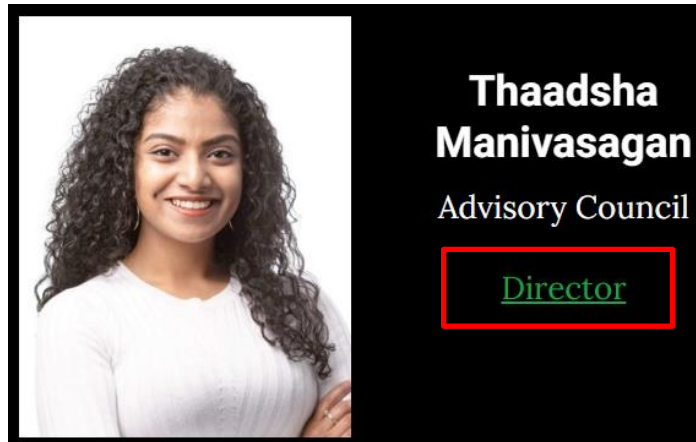
My core competencies:

- Demonstrated excellence in spearheading strategic planning, sales operations, partner management, account management, and budget forecasting, generating new revenue streams.

9. <https://www.csga-global.org/team> The ‘Biography’ link is not clickable.



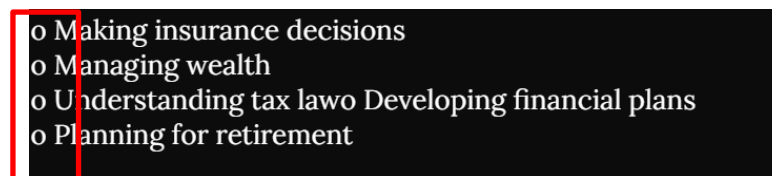
10. <https://www.csga-global.org/thaadsha-manivasagan> The text for a link is incorrect and should be changed to 'Biography' instead of 'Director' for clarity and accuracy.



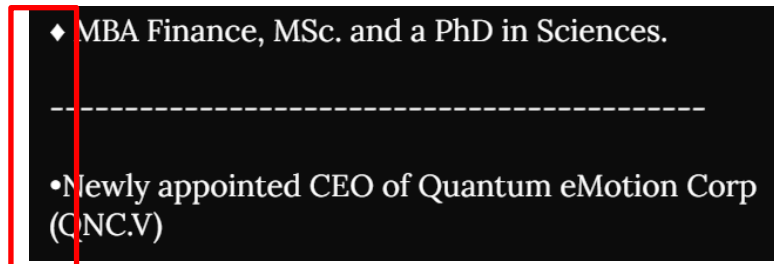
11. <https://www.csga-global.org/paul-szymanski> The text is bad readable due to the absence of paragraph breaks and varying text font sizes, making it challenging for users to follow and understand.



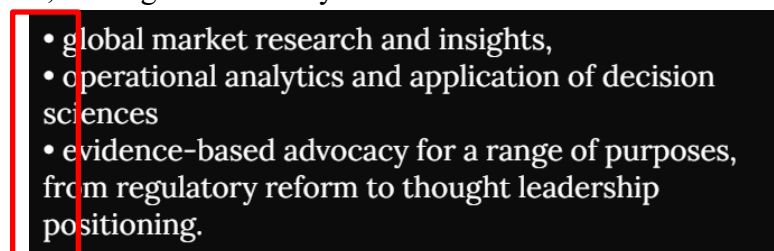
12. <https://www.csga-global.org/sonia-dolar> The bullet point styles used in the content are inconsistent, and it is recommended to use a single, consistent style for better visual coherence.



13. <https://www.csga-global.org/dr-francis-bellido> The bullet point styles used in the content are inconsistent, and it is recommended to use a single, consistent style for better visual coherence.



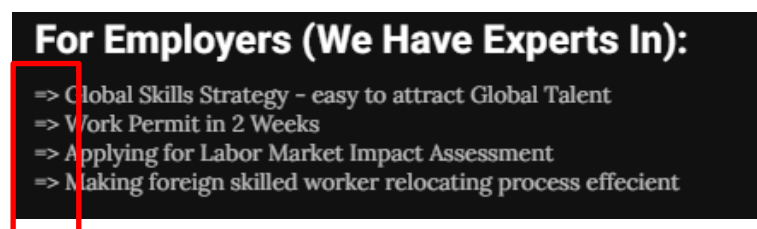
14. <https://www.csga-global.org/gary-edwards> There is inconsistent capitalization in the text, specifically the absence of initial capital letters where they should be used, leading to readability and correctness issues.



15. <https://www.csga-global.org/team> Green colors in the project are merging together or overlapping, which affects the visual clarity and separation of content.

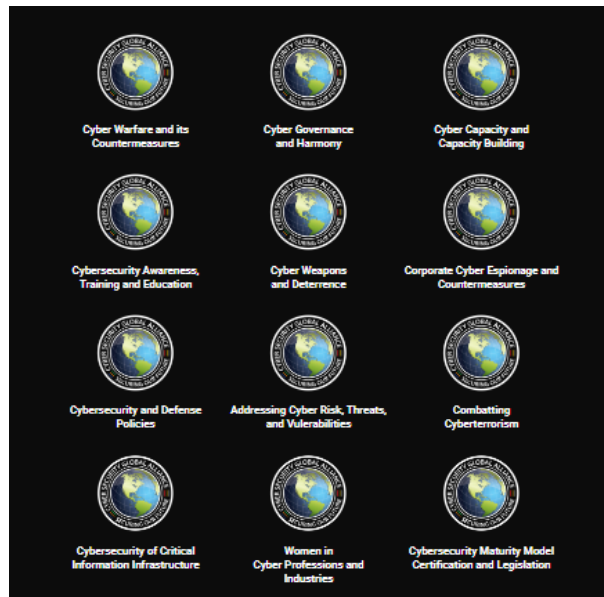


16. <https://www.csga-global.org/employment> Users are unable to view video content.
17. <https://www.csga-global.org/immigration> The bullet point styles used in the content are inconsistent, and it is recommended to use a single, consistent style for better visual coherence.

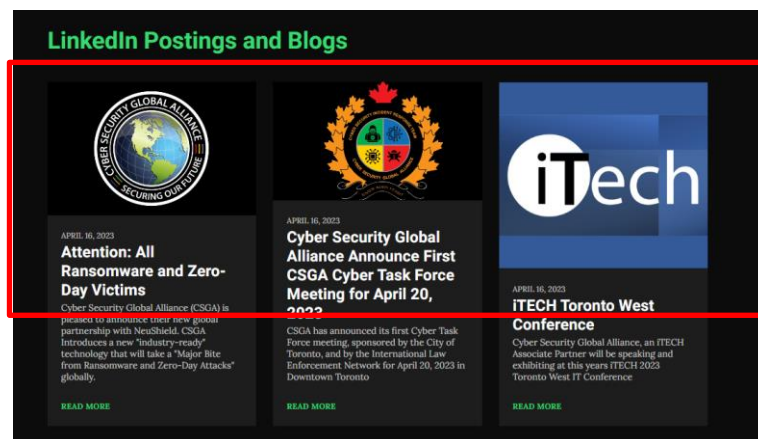




18. <https://www.csga-global.org/new-focus-information-area> All section logos on the web page are the same, which prevents users from easily distinguishing between different sections and negatively impacts the user experience.



19. <https://www.csga-global.org/newsroom> There is a lack of information or news updates on website since April 16, 2023, which may leave users uninformed and affect their engagement.
20. <https://www.csga-global.org/blog> Different image sizes are used for blog sections on the website, resulting in inconsistency and affecting the visual presentation.



21. <https://www.csga-global.org/sme-business-education> The page contains a significant amount of text content without the use of accordion elements for text headers, which can make the content overwhelming and less user-friendly.

22. <https://www.csga-global.org/store> All membership logos displayed on the website are identical, which does not accurately represent the different membership options and may confuse users.



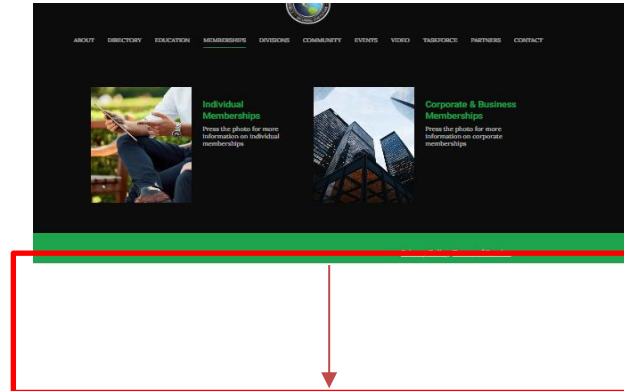
## Section 'Education'

23. <https://www.csga-global.org/education> A large list of text content under 'Industry Certification' and 'Career Tracks' is displayed without the use of accordion elements, which can make the content overwhelming and less user-friendly.
24. <https://www.csga-global.org/education> A window is covering part of an image, and there is an issue with the alignment of a red line image that does not fit correctly on the webpage.

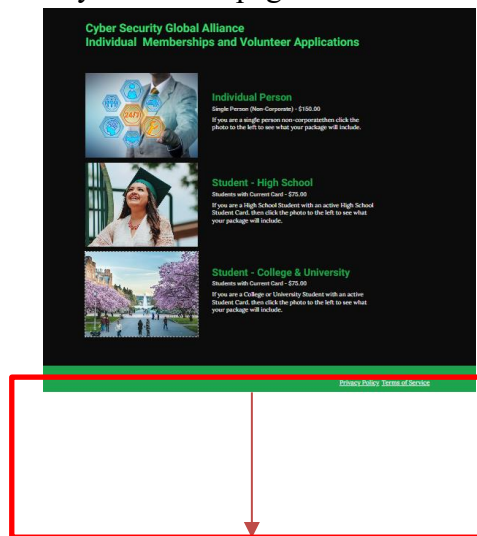


## Section ‘Membership’

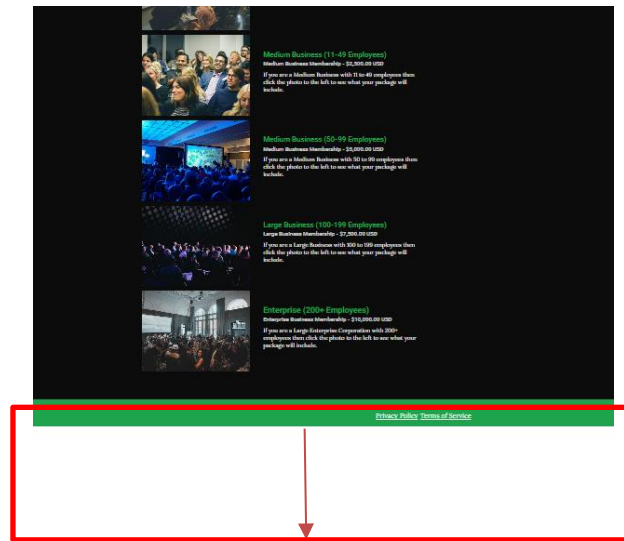
25. <https://www.csga-global.org/memberships> Page borders are not created as intended, and there is a white area in the footer, affecting the overall visual layout and consistency of the webpage.



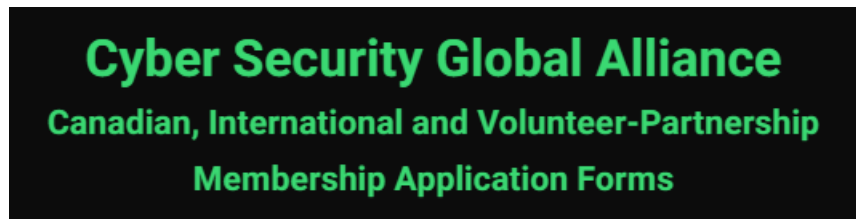
26. <https://www.csga-global.org/individual> Page borders are not created as intended, and there is a white area in the footer, affecting the overall visual layout and consistency of the webpage.



27. <https://www.csga-global.org/business> Page borders are not created as intended, and there is a white area in the footer, affecting the overall visual layout and consistency of the webpage.

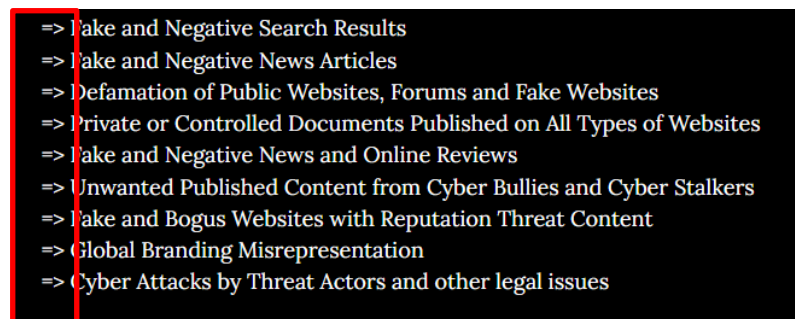


28. <https://www.csga-global.org/registration> The font color of the subtitle on the webpage does not differ from the main title, resulting in a lack of visual distinction between the two elements.



## Section 'Devisiion'

29. <https://www.csga-global.org/reputation> The bullet point styles used in the content are inconsistent, and it is recommended to use a single, consistent style for better visual coherence.



30. <https://www.csga-global.org/cyber-hub> The bullet point styles used in the content are inconsistent, and it is recommended to use a single, consistent style for better visual coherence.

Here you will have access to various resources, equipment, and space for all of your Cyber education and training needs.

- x Cyber Academy
- x Cyber Testing
- x Cyber Internship
- x Research and Innovation

Concepts are generated and tested in labs through cutting-edge technology like VR, wargaming, AI, and Quantum Computing.

We put cutting-edge technology to work — taking a proactive stance to thwart attacks on your company or organization. Using next-generation tools, we will make it possible to monitor closely, target precisely and eliminate threats quickly, using a triple threat detection and protection system built in Canada, that will create a fully secure defense system that is currently available today.

- x Cyber Innovation & Integration Lab
- x Quantum Computing Lab
- x Multi-Domain Wargaming Lab
- x Emerging Technologies Lab
- x Artificial Intelligence (AI) & Machine Learning (ML)

31. <https://www.csga-global.org/mentorship-committee> The bullet point styles used in the content are inconsistent, and it is recommended to use a single, consistent style for better visual coherence.

#### **Benefits to Mentors:**

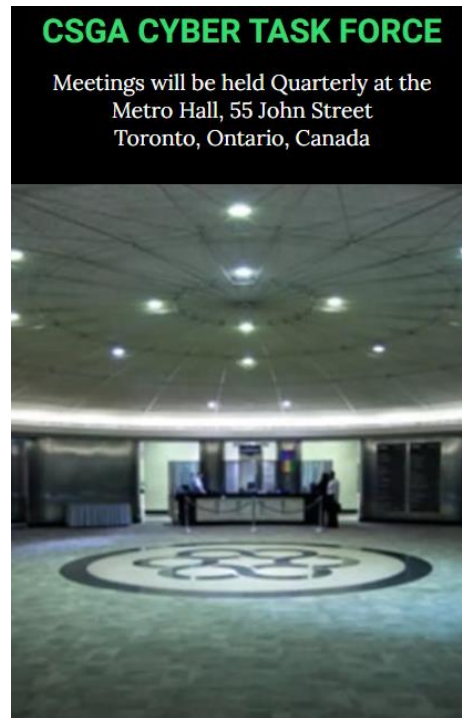
- => Developing new relationships and meeting new colleagues in the CSGA community
- => Practicing and refining leadership and coaching skills
- => Receiving recognition for experience and accomplishments
- => Getting a fresh perspective and insight into the challenges that face new professionals

#### **Benefits to Mentees:**

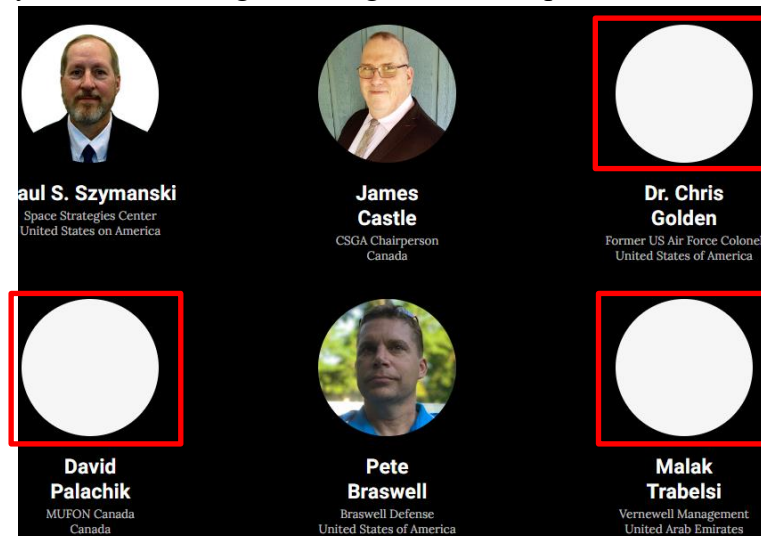
- => Access to feedback and suggestions from experienced professionals in the field
- => Meeting and developing professional relationships with colleagues
- => Insight into the realities of cybersecurity and information work

While networking is encouraged, the Mentorship Program does not exist to facilitate job plac

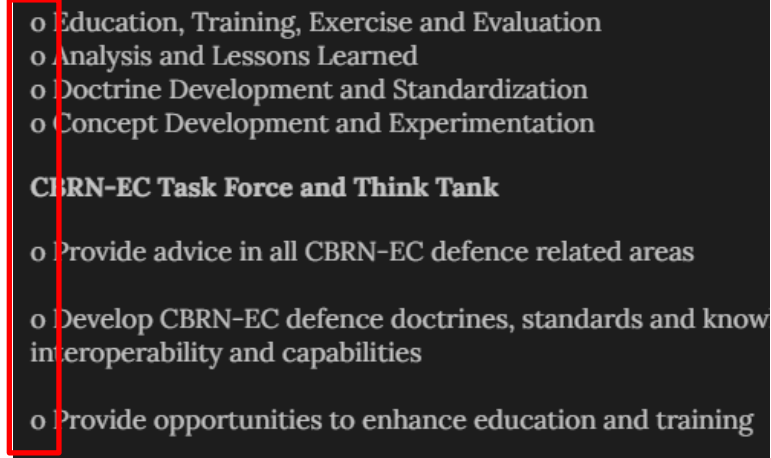
32. <https://www.csga-global.org/csga-cyber-task-force> The images displayed on the webpage exhibit poor quality, resulting in a subpar visual experience for users.



33. <https://www.csga-global.org/think-tank-3> Profile pictures for users are not displayed or are missing, affecting the visual representation of user profiles.

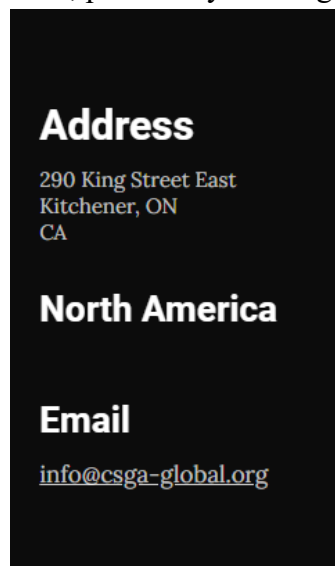


34. <https://www.csga-global.org/think-tank-4> The bullet point styles used in the content are inconsistent, and it is recommended to use a single, consistent style for better visual coherence.



### Section ‘Contact’

35. <https://www.csga-global.org/contact> The webpage does not provide a phone number for users to contact, potentially limiting communication options.



## Mobile testing

### Android. Samsung Z-Flip 3 - iOS. Iphone 12 pro testing

1. <https://www.csga-global.org/> In the mobile version of the website, the call and shopping cart buttons are missing from their usual placement in the desktop version. Instead, they are only accessible through the menu, which requires scrolling down and may result in slow loading times.



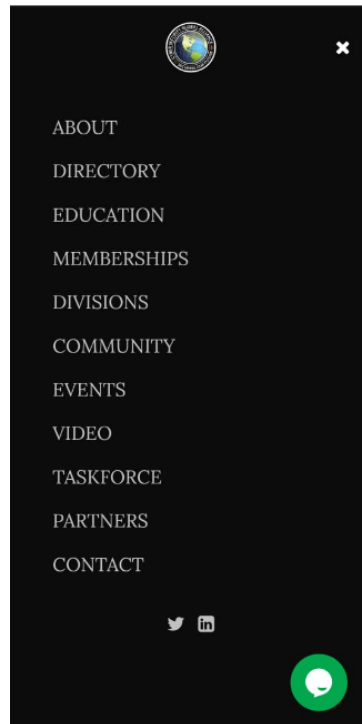
2. In landscape mode on mobile devices, the header of the webpage occupies an excessive portion of the screen, taking up approximately 1/3 of the available screen size.



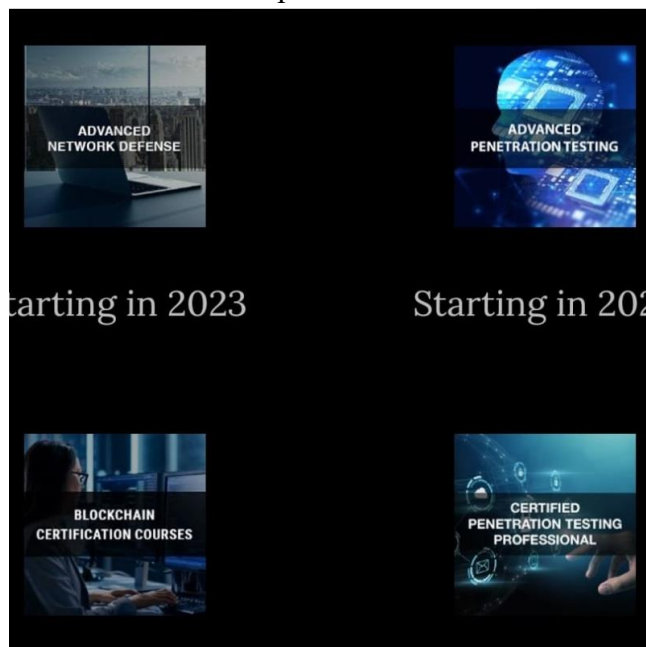
3. The mobile version of the website does not provide navigation buttons or options for users to switch to another page or return to the previous page, hindering navigation and user experience.



4. The mobile menu does not provide clear page structure, making it challenging for users to determine which section of the website they are in.

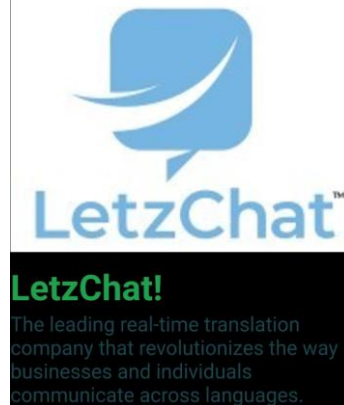


5. <https://www.csga-global.org/education> On mobile devices, the text is hard to read due to a small font size, and there is excessive spacing between images, affecting the overall mobile user experience.

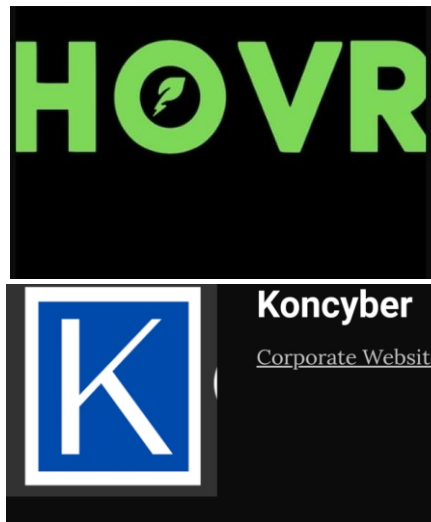


6. During mobile testing, it has been observed that some pictures and videos on the webpage take a long time to load, resulting in a suboptimal user experience.

7. <https://www.csga-global.org/community> The font color used for text on mobile devices is too dark, affecting readability and user experience.



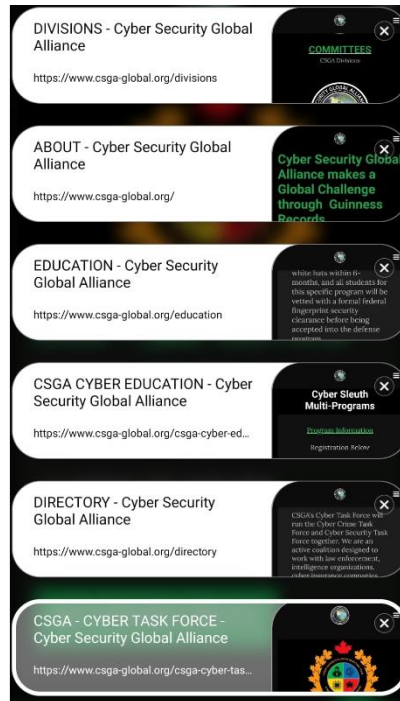
8. <https://www.csga-global.org/partners> When accessing the website on mobile devices, the pictures are displayed at incorrect sizes, affecting the visual presentation and user experience.



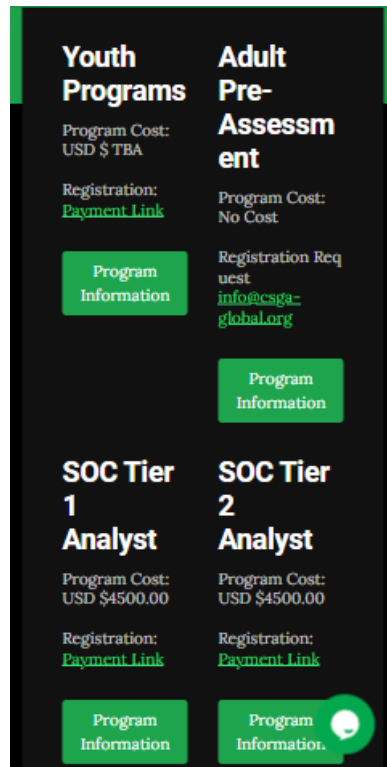
9. <https://www.csga-global.org/partners> Text on the webpage does not display in one line on mobile devices, affecting the readability and visual presentation.



10. On mobile devices, all section pages open in new tabs, which should not be the default behaviour and can negatively impact device speed and user experience.



11. <https://www.csga-global.org/cyber-education> During mobile testing, it was observed that buttons are not aligned in one line as expected, affecting the layout and usability of the mobile interface.

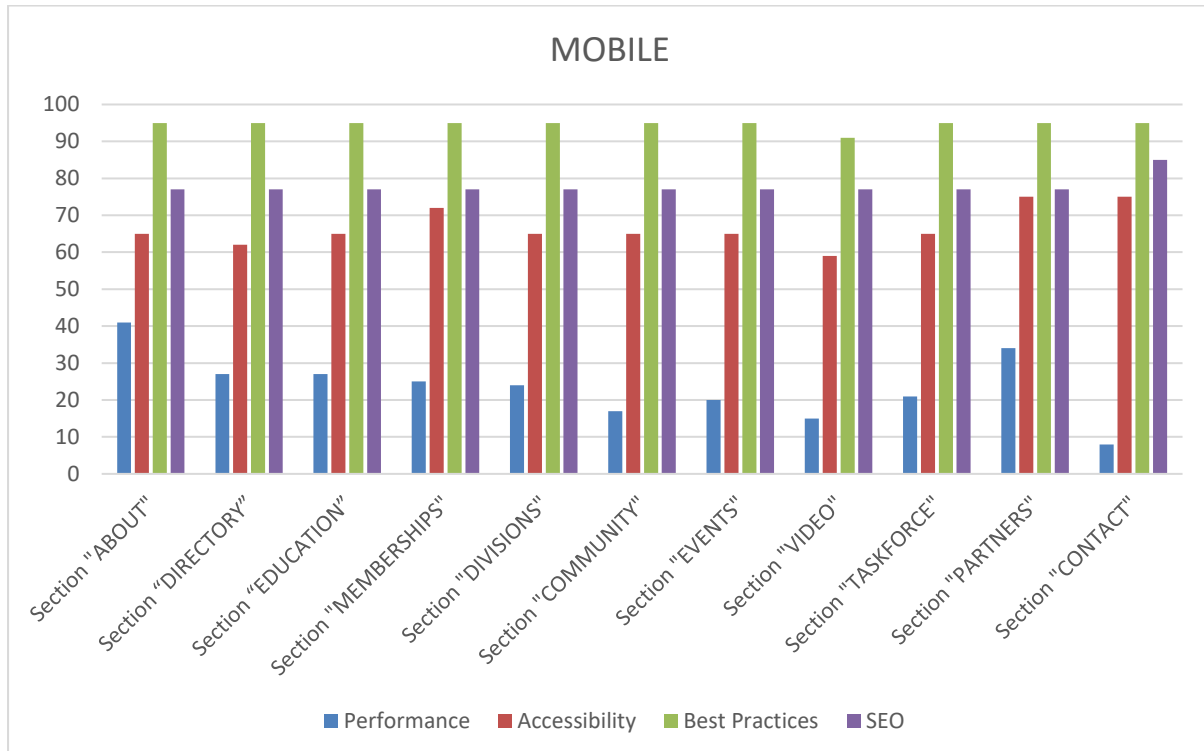
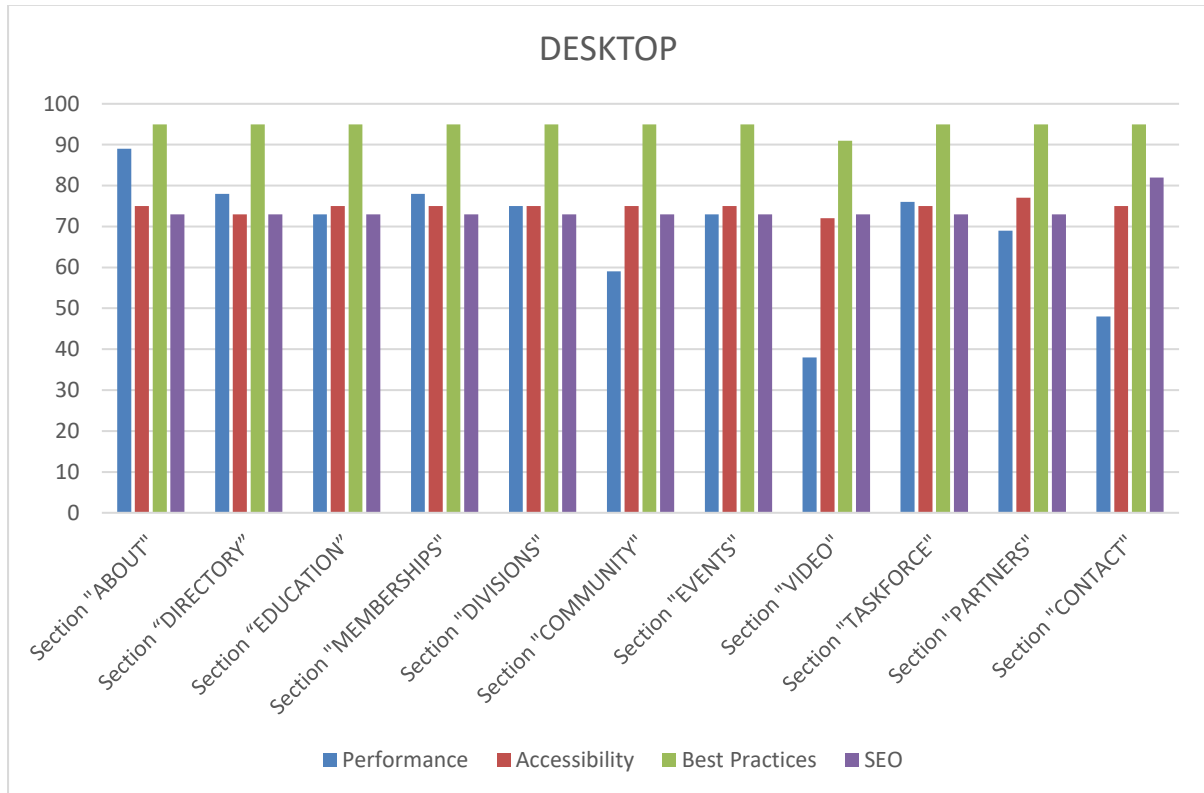


12. <https://www.csga-global.org/cyber-ranges> During mobile testing, it was observed that a video is not inserted correctly after the title as expected, affecting the content layout on mobile devices.



## Page speed test

For page speed testing we use free online tools <https://pagespeed.web.dev/>



Desktop	Mobile
Report	
<ul style="list-style-type: none"> <li>• Performance : Image elements do not have explicit width and height;</li> <li>• Performance: Serve images in next-gen formats;</li> <li>• Performance: Avoid document.write().For users on slow connections, external scripts dynamically injected via document.write() can delay page load by tens of seconds.</li> <li>• Performance: Serve static assets with an efficient cache policy;</li> <li>• Performance: Does not use passive listeners to improve scrolling performance;</li> <li>• Accessibility: Image elements do not have [alt] attributes;</li> <li>• Accessibility: &lt;iframe&gt; elements do not have a title;</li> <li>• Accessibility: Links do not have a discernible name;</li> <li>• Accessibility: Background and foreground colors do not have a sufficient contrast ratio;</li> <li>• Accessibility: Disabling zooming is problematic for users with low vision who rely on screen magnification to properly see the contents of a web page. [user-scalable="no"];</li> <li>• Best Practices: Browser errors were logged to the console;</li> <li>• SEO: Document does not have a meta description;</li> <li>• SEO: Image elements do not have [alt] attributes;</li> <li>• SEO: Links are not crawlable.</li> </ul>	<ul style="list-style-type: none"> <li>• Performance: Reduce unused JavaScript;</li> <li>• Performance: Eliminate render-blocking resources;</li> <li>• Performance: Reduce the impact of third-party code;</li> <li>• Performance: Image elements do not have explicit width and height;</li> <li>• Performance: Serve static assets with an efficient cache policy;</li> <li>• Performance: Minimize main-thread work;</li> <li>• Performance: Reduce JavaScript execution time;</li> <li>• Accessibility: Image elements do not have [alt] attributes;</li> <li>• Accessibility: &lt;iframe&gt; elements do not have a title;</li> <li>• Accessibility: Links do not have a discernible name;</li> <li>• Accessibility: Background and foreground colors do not have a sufficient contrast ratio;</li> <li>• Accessibility: Disabling zooming is problematic for users with low vision who rely on screen magnification to properly see the contents of a web page. [user-scalable="no"];</li> <li>• Best Practices: Browser errors were logged to the console;</li> <li>• SEO: Document does not have a meta description;</li> <li>• SEO: Image elements do not have [alt] attributes;</li> <li>• SEO: Links are not crawlable.</li> </ul>

## Summary and recommendations

### *We recommend:*

1. implementing justified content alignment on your web page for a clean and structured appearance. This alignment style aligns text along both the left and right margins.
2. implementing active links for titles on your web pages. Hyperlinks, provide numerous benefits for user experience, accessibility, and search engine optimization (SEO).
3. employing a uniform style for bullet points throughout your web page content. Consistency in bullet point styles enhances readability, reinforces branding, and maintains a clean, professional appearance.
4. designing your web page in a way that, when users click on links, the linked content opens in the same tab by default.
5. incorporating accordion elements into your web page, particularly when it contains substantial amounts of text. Accordion elements will greatly enhance the user experience and make it easier for visitors to review the content efficiently.
6. conducting a comprehensive review of your website and digital materials to identify and rectify inactive or broken links.
7. avoid using the logo excessively as a link or navigation element. Excessive logo links can confuse users and disrupt the user experience.
8. restructuring your homepage to enhance user experience and minimize redundancy in content. Currently, many section links on the homepage lead to the same content, causing confusion and reducing efficiency.
9. optimizing the mobile version of your web page for landscape mode by addressing the issue where the header takes up a significant portion of the screen real estate. This will enhance user experience and usability.
10. transitioning to modern web development principles and techniques to enhance the performance and security of your website.