

Job Opportunity: Web Developer and Analytic Specialist

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Love coding? Ready to make a splash with a tight-knit team on the shores of Lake Superior?

Minnesota Sea Grant (MNSG) is on the lookout for a Web Developer & Analytics Specialist to join our crew. You'll be the mastermind behind designing, coding, and maintaining our primary website and a handful of

project-specific sites, too. Whether you're diving into HTML, CSS, JavaScript, or managing data streams, your work will help us deliver applied water science and research outcomes to the people we serve.

If you're ready to collaborate with a dynamic team and help us elevate our sites and want to work by the greatest of Great Lakes—this is your chance!

Quick Summary

Minnesota Sea Grant (MNSG) is seeking a Web Developer and Analytic Specialist responsible for designing, coding, and maintaining MNSG's primary [website](#) and multiple project-specific and grant-funded websites and web applications. The Web Developer will handle data streams through programming languages like HTML, CSS, and JavaScript. MNSG's program website is the primary means by which MNSG delivers science, research, extension, communications, and outreach content to the public and the program's target audiences. As part of the National Oceanic and Atmospheric Administration (NOAA) National Sea Grant Program, MNSG is required to produce and maintain publicly accessible program materials, which the program achieves through its program website, project websites, and web applications.

To Apply:

Applications must be submitted online.

1. To apply for this position
 - a. Go to [MN Sea Grant Web Developer](#).
 - b. Select the "Apply for Job" button in the upper right corner of the page.
 - c. New users will need to register. Existing users are to enter their username and password.
 - d. Complete the application and ensure you attach your resume and a cover letter.

Job Facts

1. Who's hiring: The University of Minnesota Sea Grant College Program (Minnesota Sea Grant)
2. Job title: Web Developer and Analytic Specialist
3. Salary range: \$32,593.60 - \$36,400.00; depending on education/qualifications/experience
4. Job code: 9702WD
5. Employee Class: Acad Prof and Admin (P&A)
6. UMN Job ID: 366498
7. Full/part time: Part time (20 hrs/week)
8. Regular/temporary: Regular
9. Location: Duluth
10. Application open date: 2025-01-23
11. Application close date: Open until filled

Job Responsibilities

1. Design, develop, build, and maintain MNSG **program** and project-specific (grant-funded) websites.
2. Ensure MNSG digital assets are secured and meet design and accessibility benchmarks and NOAA-Sea Grant and UMN/UMD brand standards as applicable.
3. Under guidance from the MNSG Communications Director, implement the design, development, maintenance, and support of MNSG's primary program Drupal website and other project-specific (internally funded and grant-funded) websites.
4. Work with the MNSG Communications Director and other MNSG staff as assigned to develop accessible, informational, and typically grant-funded/grant-required project-specific websites and web applications.
5. Develop new website pages and features on Drupal installation as needed using PHP. Ensure the website meets all accessibility requirements.

6. Troubleshoot and repair website issues and serve as a liaison with internal teams as needed.
7. Develop website display/formats/functionalities (e.g., full-width page images, content) to meet web service requests from program and grant-funded projects.
8. Find and implement solutions for presenting scientific data to both scientific and non-scientific audiences effectively.
9. Work with project teams to develop robust sitemaps (menu structure) and improve website content.
10. Code websites and develop custom Wordpress templates using HTML / CSS / PHP / MySQL / JavaScript / JQuery. WordPress project-specific sites include:
 - a. GreatLakesAquaculture.org
 - b. Hazmaton.org
 - c. Great Lakes Freshfishfinder.org
 - d. Paddlesafetwinports.org (HTML and JavaScript)
11. Develop and maintain accessible and dynamic web applications using client-side and server-side technologies.
12. Design user interfaces for web applications and respond to user feedback to improve user experiences
13. Collaboratively codes, tests, troubleshoots, and updates web applications using modern programming languages and frameworks (e.g., PHP, JavaScript, Vue.js) and CSS frameworks (e.g., Bootstrap, Bulma).
14. Manages version control and collaborates on code development using GitHub.

Who We Are

[Minnesota Sea Grant](#) (MNSG) is a systemwide program of the University of Minnesota and one of 34 federal-university Sea Grant partnerships across the country that bring applied water science to communities. MNSG's extension educators, researchers and communicators work with community members, local decision-makers, policy leaders, and

personnel from resource agencies, business and industry to protect, enhance and restore habitats, ecosystems and the services those ecosystems provide. We are what makes the University of Minnesota a Sea Grant institution.

Contact

[Marie Thoms](#), Minnesota Sea Grant Communications Director.

Additional Information

[Minnesota Sea Grant](#) is part of the [National Oceanic and Atmospheric Administration's \(NOAA\) Sea Grant Program](#), which supports 34 similar programs in coastal states throughout the United States and Puerto Rico. It receives funding through the [NOAA - Office of Oceanic and Atmospheric Research](#) and the [University of Minnesota](#). The program partners with local, regional and national organizations and is an integral member of the [Great Lakes Sea Grant Network](#).

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