Web Developer Graduate Assistantship

Marketing and Communications Department

The Web GA works on semo.edu within Cascade CMS, the university's content management system. Cascade templates are built with Apache Velocity, a Java-based templating language used to pull content from the CMS and render it as HTML. Experience with Velocity or a similar templating language is helpful but not required. The GA is expected to learn Velocity quickly on the job.

The GA works closely with the university web developer on daily site maintenance and larger web projects.

Responsibilities

- Assist the web developer with projects, including building new components for the website's design system and new pages or page templates using HTML, CSS, JavaScript, and Velocity
- Complete web edit tickets submitted by campus departments
- Review and complete workflows submitted by on-campus editors in Cascade CMS
- Perform daily maintenance and upkeep of semo.edu, including fixing broken links and updating outdated content
- Edit and optimize images for the web using Adobe Photoshop, including cropping, resizing, and compressing files
- Review pages for compliance with WCAG 2.1 AA accessibility standards and correct issues as needed

Required qualifications

- Currently enrolled as a master's student at Southeast Missouri State University, with at least two semesters remaining before graduation
- Expert knowledge of HTML, CSS, and JavaScript
- Experience building at least one project with React or another JavaScript framework
- Familiarity with Tailwind CSS and Git
- Working knowledge of WCAG 2.1 AA accessibility standards
- Understanding of basic UI/UX design principles
- Basic proficiency in Adobe Photoshop
- Strong communication and collaboration skills, with the ability to work independently and think critically

Preferred qualifications

- Experience with a CMS or website builder, such as WordPress, Wix, or Squarespace
- Experience with a templating language, such as Velocity, Liquid, Twig, or Jinja
- Familiarity with technical SEO, such as meta tags, structured data, and site performance
- Familiarity with Alpine.js

Hours

- This position requires 20 hours per week during a normal academic week.
- Missed hours may be made up within the same semester with supervisor's approval.

Web samples

Apply through Handshake. Applicants with web samples (live sites, portfolio, or GitHub) email web@semo.edu.