

¡Hola! I'm **Max Starkenburg**

max@maxwell.fyi | 832-306-5430

What I can do for you:

Translate your conceptual goals into digital deliverables by building intuitive interfaces with clean, robust, accessible code and aesthetic visuals.

I can be counted on to bring my:

- Strong advocacy of user needs.
- Collaborative, detail-oriented, and holistic approach to problem-solving.
- Two decades harnessing the capabilities of HTML, CSS, JS and related web technologies (four years in Drupal). Whether the job calls for a Bash script, an Illustrator design, or anything in between, I will proactively seek out the best solution to help make your product successful.

Personal portfolio: <https://maxwell.fyi>

LinkedIn: </in/max-s> | GitHub: </maxstarkenburg> | StackOverflow: </users/5285945>

Work Experience

George Washington University

Web Designer | Libraries and Academic Innovation (GWLAI) · 11/2016–present

- Led or guided all steps of the lifecycle of GWLAI's four Drupal 7/8/9 websites, focusing on enabling content editors to promote academic resources while reducing development bottlenecks, unknowns, and costly retrofitting, by:
 - Building interactive and responsive mock-ups, based on participation in requirements gathering and project scoping, for usability testing and stakeholder feedback
 - Configuring sites and evaluating Drupal contrib modules to support user stories
 - Writing custom D8/9 themes and modules using CSS/Sass, Twig, JS/jQuery, 3rd-party libraries and APIs, and PHP development, reviewing all work for conformance to WCAG
 - Reviewing code written by the senior web developer, managing regression testing, and helping to streamline workflows for Git, Composer, and config management
 - Maintaining sites with Drush and custom Bash scripts, and consulting on server migrations
- Built SVG floor maps made interactive with JS to help users find a book on the physical shelves by linking from catalog results to highlight the book's location on the maps
- Collaborated with colleagues across the organization to meet their content-creation needs, consulting on a11y best practices, graphic design, and CSS/JS incorporation in their projects
- Taught workshops for students, staff, and faculty on Adobe Illustrator and HTML/CSS

OERPUB (publishing initiative for open educational resources)

Interaction Designer · 12/2011–04/2014

- Scripted high-fidelity and functional mock-ups from scratch for an online WYSIWYG textbook editor, quantifying the relative success of the editor's interactive features via multiple usability studies using the mock-ups themselves
- Created original open-source vector-based icon set, designed logo, and made plug-in and theme customizations for the initiative's WordPress site

Rice University

Designer and XSLT Developer | Digital Scholarship Services · 11/2010–04/2011

- Customized the university's digital scholarship repository in DSpace using XSLT to provide seamless branding and intuitive navigational access to thousands of research items
- Fixed XSLT errors and added requested features to the output of 500 XML documents

Web/Graphic Designer | Connexions (now OpenStax CNX) · 01/2001–04/2011

- Led visual design on an open educational repository and authoring environment of over 18,000 pages, 2,000 users, and 1.6 million monthly visitors
- Iterated over design ideas (2,200 mock-ups in total) as needed by the team for new features such as search/browse interface, social media plug-ins, co-branding designs, user profile pages, authoring interface, homepage redesign, and tag editing/display
- Assured high quality of software by conducting thorough tests each release cycle

Education

Rice University | BA, Architectural Studies · 2003

Additional Experience and Info

- **Conferences attended:** DrupalCon North America 2018-2021; Drupal GovCon 2018-2020; BADCamp 2020; AccessU 2019; regularly attend DC-area Drupal Meetups
- **Courses taken:** Half-day and full-day trainings on ES6, React, PHP programming, and Drupal module development (Debug Academy); Composer (DrupalEasy); Drupal migrations (Agaric); Section 508 and WCAG 2.1 (Knowbility)
- **Language:** Upper intermediate proficiency in Spanish, both written and oral (ILR 3, CERF B2)
- **Cross-cultural experience:** 2 years residency with remote work in Chile and Mexico (2015-16)