Stephen Geinosky

SOFTWARE ENGINEER

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(617) 949-0042

EMPLOYMENT

2013 - present   Boulder, CO

National Center for Atmospheric Research
Software Engineer III (2020 - present)
Web Developer III (2015-2020)

- Currently implementing a new responsive design for all downstream lab sites with a 94% or higher accessibility score on Google Lighthouse
- Migrated all custom Drupal 8 tests from Codeception to PHPUnit
- Implemented a complete redesign of three umbrella websites as part of a development team from initial content structure and design concepts to the development design phase and implementation
- Refactored a responsive front-end base theme applicable to multiple applications that utilizes Foundation, reduced package manager complexity, and cleaned template and SASS redundancy
- Developed and manage a custom Drupal 8 Composer upstream and custom Drupal 7 upstream on Pantheon
- Manage CircleCI configuration to automate the testing and publication of our custom Drupal distributions
- Implemented BackstopJS to reduce errors through visual-regression-testing
- Improved web accessibility from an average score of 68% on Google Lighthouse to over 90% on the new responsive umbrella websites
- Integrate with a RESTful API to display and update data on staff.ucar.edu
- Developed a responsive website friendsofthenationalcenter.org using Bootstrap
- Created and maintain custom Drupal modules for daily email campaigns, content migration, custom theming, and a public alert system
- Support with a group of developers HPCTV, a Vue.js application reporting data on NCAR's supercomputer Cheyenne
- Consistently look for areas of automation and development improvements
- Migrating sites from in-house hosting to Pantheon and AWS
- Meet with stakeholders regularly for sprint planning and reviews
- Performing security updates on multiple Drupal websites

Web Developer II/Graphic Designer (2013-2015)

- Built a module leveraging an API to create automated org charts using OOP
- Added additional security measures to a custom authentication module used across the organization
- Built a module to create an additional role and assign authenticated users the role to be used on the ucar.edu and president.ucar.edu Drupal sites
- Performed a UX audit/improvements on the content editor interface on the CISL Drupal website
- Worked with staff to restructure group content with a focus on user experience
- Migrated remaining Drupal 6 sites to Drupal 7 using the migrate module
- Designed a sub-theme improving usability using analytics and user tests
- Organized and led a group to restructure CISL's website sitemap
- Built a blog and documentation website on Github pages
- Designed print documents, logos, and signage

SKILLS

Front-End
HTML5, CSS3, SASS, Twig, Javascript, JQuery, Foundation, Bootstrap, NPM, Composer, Grunt, Gulp, BackstopJS

Back-End
PHP, Symfony, MySQL, Nginx, Apache, JSON, XML, PHPUnit, Codeception, SimpleSAML, Procedural programming, OOP, Drush, Terminus

DevOps
Agile, Pantheon, CircleCI, Artifactory, New Relic, Docker, AWS

Software
Git, InteliJ, JIRA, Sequel Pro, Google Analytics, CrazyEgg, Lighthouse, W.A.V.E, Adobe Creative Suite

EDUCATION

DePaul University
MA - New Media Studies
(with distinction)
2008 - 2010

Western Illinois University
BA - Journalism
2003 - 2007

2011 - 2013   Cambridge, MA
Harvard Magazine
Associate Web Developer

- Redesigned article pages to create a better reading experience by focusing on the text and images
- Created a custom landing page theme that can be used to
- promote special events
- Created a custom plugin to help allow the magazine to customize content based upon a custom taxonomy
- Custom-built floating and pushdown ads that utilize a cookie to only display the ads during scheduled intervals to users
- Completely rebuilt Harvard Magazine's classifieds section and their classifieds purchase form
- Added a custom classifieds blog within the site
- Restructured how classified ads are stored in the database and displayed to users
- Designed a cleaner navigation focusing on usability
- Completely rebuilt Harvard Magazine's donor section
- Added features, including an interactive chart and a landing page dedicated to current and potential donors
- Built several custom-themed email templates in MailChimp for the over 200,000 email recipients
- Utilized Google Analytics to filter out trending pages, topics, and events such as email blasts visited on the website to help target advertising opportunities
- Trained staff on any updates/changes/improvements made to the uploading and editing content process
- Restructured our content and gave a training seminar to local staff on SEO best practices and improvements

2009 - 2011   Chicago, IL
Freelance Web Designer

2009 - 2011   Chicago, IL
Midwest Democracy Network
Web/Newsletter Editor

2007 - 2008   Galesburg, IL
The Register-Mail
City/County Government Reporter

2007 to 2008   Monmouth, IL
The Daily Review Atlas
Staff Reporter, Interim Editor