William Mack

Front-End Developer

williamamack.com
github.com/williamamack

Durham, NC
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Work Experience

North Carolina School of Science and Mathematics | Durham, NC
Web Master | November 2007 – Present

Responsibilities
- Manage NCSSM web presence and lead all web design and development projects, content management, testing, and analytics reporting
- Gather requirements and present technical solutions to stakeholders for buy-in
- Develop Drupal and WordPress themes from wireframes and design mockups using Bootstrap, PHP, and Sass
- Administer Intranet built on Node.js and MongoDB
- Chair committee that gathers stakeholders, identifies pain points, improves business procedures, and boosts transparency among departments
- Train groups of 1 to 100 employees in Drupal, Wordpress, Apostrophe CMS, and Google Sites

Achievements
- Designed institution's first responsive website in Drupal for a 50% increase in engagement and 30% increase in donations from mobile users
- Translated design into responsive news theme in Wordpress with integrated calendar and social media feeds
- Nominated for Chancellor's Award in customer relations in both 2013 and 2017

Environment: HTML5, CSS3, Sass, PHP, JavaScript, jQuery, Node.js, MongoDB, Drupal, WordPress, Google Sites, Social Media, Project Management, Presentations, Training

Website(s): https://www.ncssm.edu

Self-Employed | Durham, NC
Freelance Web Developer | August 2011 – Present
- Design WordPress websites to promote personal brands and businesses
- Developed Wordpress theme with Zenfolio integration to promote
- Integrated Zenfolio into Patrickkea.com to promote personal brand and photography startup
- Designed and developed WordPress website for Sanderlin Upholstery that increased by customer acquisition by 100%

Environment: Web Design, WordPress, Zenfolio

Website(s): patrickkea.com, sanderlinupholstery.com

Environmental Protection Agency | Research Triangle Park, NC
Web Analyst Contractor | June 2005 - August 2005
- Analyzed server logs and wrote programs to interpret them in Excel
- Developed Capacity Management Plan for network usage and storage in the 2005-2006 fiscal year to improve website performance and increase user engagement by 15%

    Environment: Web Analytics, Microsoft Excel, Presentations

Knowledge2Work, Wake Forest University | Winston Salem, NC
Web Designer | October 2004 - August 2005
- Created website mockups on three-person teams for clients in Triad
- Designed logo for Gra-Mac Distribution still being used today

    Environment: Logo Design, Web Design, Project Management, Teamwork

    Website: gramacirrigation.com

Projects
- Williamamack.com: Refactoring CSS codebase to switch from Flexbox layout to CSS Grid for portfolio
- React Memory Game: Learning React.js by building a card matching game with Webpack, Babel and ES6

Education
Bachelor of Science, Computer Science, Wake Forest University, May 2007

Technical Skills

HTML5, CSS3, JavaScript, jQuery, PHP, MySQL, Git, Google Analytics, Drupal, Wordpress, Gulp, Node.js