

## SUMMARY

I am a Frontend Web Developer specializing in building responsive websites using HTML5, CSS3/SCSS, and Javascript/JQuery. I use NodeJS, Gulp, RequireJS, and Handlebars front end build scripts. I have pioneered the use of fluid typography to create responsive websites where everything, including the text, scales with the size of the browser or device so that the design integrity and proportions are maintained at any size. I also specialize in creating custom Bootstrap themes as well as fully custom from-scratch Frontend Toolkits and component libraries using tools such as Fabricator and following Atomic Design principles. I am passionate about collaborating with design and UX to create complex design systems and bring them to life in the web browser.

## PROFESSIONAL EXPERIENCE

- 14–now **frontend web developer** . Resource/Ammirati, An IBM Company . columbus, ohio  
*lead frontend responsive website development for national brands including Nestle, Pet Smart, Purina, Tidy Cats, Cerner, Bush's Beans, Patcraft (www.verybestbaking.com | www.bushbeans.com)*  
*utilize frontend build scripts written in Node.js and Gulp with Handlebars and RequireJS to write custom HTML, CSS/SCSS, and Javascript/JQuery and build Bootstrap-esque toolkits and custom Bootstrap themes*  
*develop innovative new fluid typography CSS techniques and share them with the team through an open source SCSS library (www.github.com/hemmingerb/vw-starter-kit)*  
*help define values and principles of frontend toolkit creation and educate developers and designers*  
*mentor junior developers through pair programming and code reviews with a focus on guiding principles and getting them to ask the right questions*
- 01–now **freelance consultant** . various clients . various cities
- 17 *setup responsive promotional website in Wix – Allen Logistics Group . columbus, ohio*
- 14 *develop WordPress plugin in PHP integrating third party REST/JSON API – Stafford Technology . columbus, ohio*
- 14 *develop HTML5 Rich Media Interactive Video Ads for Google's Double Click platform; work included, HTML5/Javascript coding, optimizing for tablets and mobile devices, video editing, transcoding to HTML5 video codecs, and compressing in Adobe Premiere CS5 – Radial Studios . columbus, ohio*
- 14 *develop mobile game app for iOS and Android mobile devices using HTML5 canvas, JavaScript, and PhoneGap – Orin Hemminger . columbus, ohio*
- 04–14 *gather requirements, analyze, plan, develop, and maintain a website and database for print brokerage customer management, online ordering, and automated order processing, including both front end and back end development in PHP, MySQL, and HTML – North Star Connections . columbus, ohio*
- 07 *develop Flash ad with Actionscript based animations and interactive mortgage savings calculator for national bank – Grafiker . weimar, germany*
- 06 *develop and optimize Flash banner ads with Actionscript based animation for Target Stores national retail chain – OLSON . minneapolis, minnesota*
- 05 *edit and transcode video for interactive kiosk – Walker Arts Center . minneapolis, minnesota*
- 04 *flash game development – Popular Front . minneapolis, minnesota*
- 04–06 *gather requirements, analyze, plan, and develop a website for online grant applications and processing, including file uploads, separate login roles for users and jurors, and a jury voting system – McKnight Foundation and Jerome Foundation . minneapolis, minnesota*
- 04–05 *develop Flash based online interactive tool for real-estate developers to roughly lay out potential site plans for national big box retailer (www.jessehemminger.com/commercial/tool.swf) – WPIIDC . los angeles, california*
- 03 *develop Flash based website, custom Flash video player, both front end and back end development, including programming a custom CMS using MySQL database – Elementville . columbus, ohio*
- 01 *design, animate, and develop Flash website (www.jessehemminger.com/grip) – Grip . columbus, ohio*
- 13–now **owner** . Hemminger Studios LLC . columbus, ohio  
*purchase foreclosed building by negotiating lien releases and organizing financing*  
*renovate building, including plumbing, electrical, HVAC, masonry, framing, drywall*  
*manage 2100 sq.ft. art space: leasing, rent collection, bookkeeping, maintenance*
- 11–14 **web/software developer** . eRetailing Associates . columbus, ohio  
*gather requirements, analyze, plan, and develop Windows desktop applications in Visual C#.NET to automate printing of order labels, track orders as they move through production, and open art files for production*  
*maintain and update e-commerce website programmed in Perl with a MySQL database using SSH and command line for database access, Right Scale to manage Amazon Web Services (AWS), SVN for version control, SFTP and SCP for file transfers, Image Magick and GD Lib graphics libraries for server-side image manipulation, and firebug for troubleshooting*  
*participate in daily stand-ups and story point estimation as part of an Agile dev cycle*  
*refactor and rebuild existing product customization tool in ActionScript 3 using OOP and design patterns*

resume

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- 10-11 **teaching fellow** . Art and Technology, OSU Department of Art . columbus, ohio  
*conduct artistic "research" as a resident artist in the Art and Technology area  
 plan, build, and program robotic and interactive sculptures  
 teach Art and Technology courses combining New Media, Programming, and Art*
- 07-08, 10 **web developer** . Lombego Systems GbR . weimar, germany  
*develop PHP, MySQL modules for in-house CMS and templating system  
 design and program OOP/MVC JavaScript, AJAX "iCal" like calendar application with the YUI library  
 design and program OOP JavaScript Google Maps interactive map with dynamic content*
- 09 **web developer** . Ambitious Bytes GmbH . weimar, germany  
*develop PHP, MySQL modules for in-house web framework and templating system*
- 08-09 **flash ActionScript developer** . Papenfuss Design Studio . weimar, germany  
*program AS3, OOP/Design Patterns based educational Flash game with Gaia Framework  
 develop dynamic, search engine friendly Flash content solution with XML and TYPO3 CMS*
- 06 **resident artist** . Mulberry Creek Herb Farm . huron, ohio  
*construct and install outdoor sculpture for Mulberry Creek's annual Herb Fair  
 lead stop-motion animation workshops for children at Herb Fair  
 plan, organize and teach one week "Movie Magic" summer camp for ages 10-14*
- 06 **instructor** . Bowling Green State University, Firelands Campus . huron, ohio  
*plan, organize and teach one week "Music Video" summer camp for ages 9-12*
- 04-06 **adjunct faculty** . College of Visual Arts . saint paul, minnesota  
*teach "Introduction to Digital Media" and "Introduction to Interactive Media" classes  
 teach basics of HTML, PhotoShop, Dreamweaver, and Flash  
 awarded Bush Foundation faculty development grants in 2004 and 2005*
- 04-06 **instructor** . Science Museum of Minnesota . saint paul, minnesota  
*teach summer camps, for ages 9-12, integrating art, computers, robotics and programming*
- 04 **instructor** . Minneapolis College of Art and Design . minneapolis, minnesota  
*teach one week "Music Video" summer camp for ages 9-12*
- 03-07 **owner/operator** . HHDI Rare Coin Photography . columbus, ohio  
*rare coin digital photography and Photoshop re-touching for eBay auctions and other online sales*
- 03-04 **visiting artist** . Days of Creation: Arts for Kids . columbus, ohio  
*teach for Artists in Schools Program at Columbus Public Schools and Columbus Academy  
 teach animation and digital video one day workshops using iMovie to arts-intensive K-12*
- 02-03 **internet video consultant** . Channel 10/Columbus Dispatch . columbus, ohio  
*program automation scripts to capture, trim, compress and upload digital video news clips to media server  
 manually captured, trimmed, compressed and uploaded digital video to server using Adobe Premiere*
- 99-03 **artist assistant** . Todd Slaughter, Kenneth Rinaldo . columbus, ohio  
*assist in construction of interactive robotic sculptures for internationally acclaimed artist  
 develop and construct wood sculptural processes and cast fabrication  
 design and implement robotic turntable for rotating video projector  
 assist in large-scale sculptural installations  
 edit video documentation of artwork*

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## EDUCATION

- 06-08 Bauhaus-University Weimar  
 Masters of Fine Arts: Public Art
- 96-01 The Ohio State University  
 Bachelor of Fine Arts: Art and Technology  
*summa cum laude*

**LANGUAGES** **german** . *speak fluently, read and write at university level (DSH 2 certificate)*