

SUMMARY

I am a Frontend Web Developer specializing in building responsive websites using HTML5, CSS3/SCSS, and JavaScript/JQuery/AngularJS. I use NodeJS, Gulp, 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. See my 30 second explanation and demonstration: youtu.be/eUmb6QRnIAY Or see my fluid typography work in action: www.bushbeans.com 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 browser and on devices.

PROFESSIONAL EXPERIENCE

- 6/17–now **consultant** . TEKsystems (placed at JPMorgan Chase and Nationwide Insurance) . Columbus, Ohio
lead UI developer, digital wealth management . JPMorgan Chase . 4/18–now . Columbus, Ohio
*lead team of 5 developers, mentor junior devs with pair programming and one-on-ones
implement new responsive pages on chase.com using in-house JavaScript frameworks and component library*
creative technologist, specialist, user experience . Nationwide Insurance . 6/17–3/18 . Columbus, Ohio
*build Angular 5 web based retirement planning tool implementing Charts.js for graphing
developer on flagship Nationwide Insurance mobile app built in Angular and Ionic framework with Agile process
contribute to nationwidefinancial.com Angular component library*
- 6/14–6/17 **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, Gulp, Handlebars and RequireJS to write custom HTML, CSS/SCSS,
and Javascript/JQuery/AngularJS and build Bootstrap-esque toolkits and custom Bootstrap themes
integrate frontend code into variety of backend systems, including: C#.NET, PHP, Drupal, Wordpress
develop innovative new fluid typography CSS techniques and share them with the team through an open
source SCSS library (www.github.com/hemminger8/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*
- 9/01–now **freelance consultant** . Various Clients . Various Cities
- 2017 *setup responsive promotional website in Wix – Allen Logistics Group . Columbus, Ohio*
- 2014 *develop WordPress plugin in PHP integrating third party REST/JSON API – Stafford Technology . Columbus, Ohio*
- 2014 *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*
- 2014 *develop mobile game app for iOS and Android mobile devices using HTML5 canvas, JavaScript, and PhoneGap –
Orin Hemminger . Columbus, Ohio*
- 2004–2014 *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*
- 2007 *develop Flash ad with Actionscript based animations and interactive mortgage savings calculator for national
bank – Grafiker . Weimar, Germany*
- 2006 *develop and optimize Flash banner ads with Actionscript based animation for Target Stores national retail chain
– OLSON . Minneapolis, Minnesota*
- 2005 *edit and transcode video for interactive kiosk – Walker Arts Center . Minneapolis, Minnesota*
- 2004 *flash game development – Popular Front . Minneapolis, Minnesota*
- 2004–2006 *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*
- 2004–2005 *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*
- 2003 *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*
- 2001 *design, animate, and develop Flash website (www.jessehemminger.com/grip) – Grip . Columbus, Ohio*
- 7/13–now **owner/operator** . Hemminger Studios LLC . Columbus, Ohio
*invest in real estate, negotiate purchase of two residential rental properties simultaneously, purchase foreclosed
commercial building by negotiating lien releases and organizing financing
renovate commercial building, including plumbing, electrical, HVAC, masonry, framing, drywall
manage 2100 sq.ft. art space and 6 residential units: leasing, rent collection, bookkeeping, maintenance*

Resume

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- 6/11-2/14 **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
- 9/10-6/11 **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, including picture drawing robots powered by sauerkraut
teach Art and Technology courses combining New Media, Programming, and Art
- 1/10-8/10 **web developer** . Lombego Systems GbR . Weimar, Germany
and develop PHP, MySQL modules for in-house CMS and templating system
2/07-9/08 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
- 4/09-12/09 **web developer** . Ambitious Bytes GmbH . Weimar, Germany
develop PHP, MySQL modules for in-house web framework and templating system
- 9/08-3/09 **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
- 6/06 **instructor** . Bowling Green State University, Firelands Campus . Huron, Ohio
plan, organize and teach one week "Music Video" summer camp for ages 9-12
- 8/04-5/06 **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
- 6/04-5/06 **instructor** . Science Museum of Minnesota . Saint Paul, Minnesota
teach summer camps, for ages 9-12, integrating art, computers, robotics and programming
- 6/04 **instructor** . Minneapolis College of Art and Design . Minneapolis, Minnesota
teach one week "Music Video" summer camp for ages 9-12
- 6/03-5/07 **owner/operator** . HHDI Rare Coin Photography . Columbus, Ohio
rare coin digital photography and Photoshop re-touching for eBay auctions and other online sales
- 2/03-5/04 **guest 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
- 7/02-8/03 **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
- 4/99-5/03 **artist assistant** . Todd Slaughter, Kenneth Rinaldo . Columbus, Ohio
assist in construction of interactive robotic sculptures for internationally acclaimed artist
design and implement robotic turntable for rotating video projector
edit video documentation of artwork

EDUCATION

- 9/06-8/08 Bauhaus-University Weimar
Masters of Fine Arts: Public Art
- 9/96-6/01 The Ohio State University
Bachelor of Fine Arts: Art and Technology
summa cum laude

resume

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