

# Christopher G. Bartek, Jr.

## Full Stack Web Developer

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### SUMMARY

Award-winning professional web developer and multimedia designer, specializing in front end development, UI/UX design, responsive and mobile design, back end development, and server setup and maintenance.

### EXPERIENCE

#### **Automotive Broadcasting Network** **Full Stack Developer**

**04/2018 –**  
**Jacksonville, FL**

*Internal and client-facing enterprise web development for a fast-growing 120+ employee technology company.*

- Report directly to CTO, worked alongside PHP and Java developers.
- Developed internal service application frontend and backend using Laravel, Vue.js, Google Material Design.
- Designed UI/UX for customer-facing frontend. Implemented in Vue.js.
- Integrated with WeVideo API to allow users to generate their own video using system generated XML.
- Converted a menuboard frontend to HTML5 and Javascript to support MagicInfo CMS migration.
- Worked alongside production staff to make technical adjustments to video timelines.
- Collaborated with WeVideo developers to make additions and fixes to product codebase.
- Hosted weekly sprint meetings to demonstrate and discuss project status and feature additions.
- Refactored and extended an internal PHP class for Scala CMS API integration.
- Unit testing using PHPUnit in Laravel.
- Utilization of RabbitMQ message brokering service.
- Assistance with SugarCRM API integration; internal Javascript and PHP consulting.

#### **IBCCES, LLC.**

#### **Vice President, Technology**

**09/2016 – 04/2018**  
**Jacksonville, FL**

*Provide vision and leadership for development and implementation of IT hardware and software initiatives.*

- Developed a custom CRM in Javascript, PHP 7, and MySQL optimized for sorting through millions of leads.
- Developed a paid member learning community site for access to educational cognitive resources.
- Designed and Managed Cogtrium.org using Bootstrap and the Yii framework.
- Led the company effort to streamline web properties by converting to WordPress Multisite.
- Designed and developed AutismTravel.com, a responsive, Bootstrap, WordPress-based website.
- Designed and developed an internal and external digital signage solution using numerous APIs.
- Developed database scripts and queries for merging/de-duplicating lead data from a variety of sources.
- Provided live broadcasting support (ISCRD), managed live streaming services using Ustream and Polycom.
- Design and development of internal and external web communications and applications.
- Manage engineering, infrastructure, and application development projects for IBCCES.
- Managed development and analyst contractors using Asana and a custom-built data entry interface.
- Development and maintenance of the standard operating procedure for all IT functions and operations.
- Tracking and completion of support requests associated with business operations.
- Training and development of all company personnel on new technologies.
- Management of server room rackmount ethernet and telecom/internet equipment.
- Ensure the adherence of company design standards and technical practices.
- Video editing, page layout, and graphic design support.

#### **Mac Papers, Inc.**

#### **Senior Web Developer**

**11/2013 – 11/2016**  
**Jacksonville, FL**

*Full stack web developer for the largest paper and packaging distributor in the Southeast US.*

- Worked alongside Digital Marketing and IT departments at global headquarters.

- Developed a secure corporate intranet with LDAP integration, allowing employees to access documents, view company news and events, and utilize role-specific, task-saving online tools.
- Developed a responsive, online e-commerce customer portal, for users to visually browse and order all company products (written in PHP 7, MS SQL, Javascript).
- Refactored an online IT project / issue tracking system.
- Created and maintained a library of custom-built marketing automation tools and scripts.
- Designed and developed an online content library for sales team training and reference.
- Created browser-based customer profile editor for sales team maintenance of Unisys mainframe data.
- Performed all necessary Windows Server setup (Apache, PHP, MySQL), wrote scheduled VBS scripts.
- Provided marketing team with form, landing page, microsite, and email newsletter consulting.
- Assisted marketing team with corporate rebranding projects.
- Remained as a contractor after employment to assist with developer transition.

**Northrop Grumman Corporation** (NYSE: NOC)

**11/2012 - 07/2015**

**Front End Developer (Contractor)**

**Atlanta, GA / Remote**

*Internal HTML5/CSS3/jQuery-based projects for the US Government Centers for Disease Control (CDC).*

- Part of an R&D team that researched and developed interactive, responsive, and animated infographics.
- Developed and maintained public-facing web properties using Rythmyx CMS and Bootstrap.
- Designed responsively for a range of targets including IE8, Firefox, Android, iPad, and projectors.
- Created front end application which runs entirely offline in Javascript.
- Created JSON-based course and manifest file formats for modular content storage.
- Implemented animated, interactive healthy swimming infographics based on Illustrator mockups.
- Constructed projects under strict US Government Section 508 guidelines.
- Utilized HTML5 technologies such as <video> and <canvas> with Flash fallbacks for IE8.
- Migrated DCS online Flash-based portfolio system to use custom jQuery/HTML5 solution.
- Created custom slideshow jQuery plugin and framework for CDC Electronic News and Media division.
- Acted as consultant for CDC HIV/AIDS Game Development Challenge.
- Worked on other various department projects requiring jQuery and mobile app development expertise.
- Contract ended upon completion of projects and relocation.

**Smarter Agent, LLC.**

**05/2013 - 08/2013**

**Front End App and Mobile Web Developer (Contractor)**

**Camden, NJ / Remote**

*Responsible for part-time maintenance and front end engineering of Smarter Agent's iPad and mobile web properties, used as the official apps of Century 21, Keller Williams, Sotheby's, ERA, Prudential, and more.*

- Maintained Javascript-based Appcelerator Titanium codebase, an IDE based on Aptana.
- Maintained HTML5-based jQuery Mobile front end for compatibility across nearly all existing devices.
- Utilized MVC, object-oriented, agile workflow across all Javascript projects via Coffeescript, Mustache.js, and Common.js.
- Provided assistance for miscellaneous UI, CSS, and PHP challenges from other company projects.
- Worked with back end developers and UX designers to implement required interface and functionality.
- Collaborated using tools such as Basecamp, Campfire, and JIRA.

**Appsoft Development, Inc.**

**06/2011 - 10/2012**

**Senior Web Developer**

**Jacksonville, FL**

*Part of a group of digital marketing professionals that operate SEO, SEM, Social Media Marketing, e-commerce, branding, and web presences for high profile businesses such as Salt Life, CareSpot, Pilot Pen, Harrell & Harrell.*

- Co-engineered a custom stock management system ("AppSupply") using PHP, MySQL, and HTML5. Created from the ground up to be SEO-optimized, it is currently running Arlington Toyota, Mike Davidson Ford, and other major automotive dealerships in Jacksonville and around the country.
- Led the company-wide push to adoption of HTML5 and CSS3 technologies in client productions.
- Designed, developed, and implemented web interfaces based on creative comps.
- Worked extensively with, and developed custom additions to, industry-leading PHP + MySQL solutions such as WordPress, Joomla, Magento, Pinnacle Cart, and DigiShop.
- Designed mobile websites and apps using jQuery Mobile, PhoneGap, and Appcelerator Titanium.
- Conversion of client assets from Flash to jQuery where cost-effective.

- Designed logos, posters, flyers, banners, ads, and other print-based materials.
- Creation of rich, interactive Flash presentations where HTML5 technologies were not practical.
- Edited and deployed video to mobile devices (HTML5) and Flash.

**Keiser University**

**05/2009 – 11/2012**

**Digital Media Professor (Adjunct)**

**Jacksonville, FL**

*Taught most of the Digital Media evening curriculum (CIS, Graphic Design, 2D, 3D, Multimedia, etc.).*

- Worked directly under Digital Media Program Coordinator
- Taught the following classes/technologies:  
CGS1003 Intro to CIS (Word, Excel, PC, Mac) , GRA1100C Intro to Graphics (Photoshop),  
CAP1035C 2D Design (Illustrator), CGS2587C Delivery Systems I (Dreamweaver, HTML5),  
CAP2030C 3D Modeling I (Lightwave, Modeler), CAP2026 Multimedia II (Flash and Actionsript)

**CIBER, Inc. (NYSE: CBR)**

**12/2011 – 03/2012**

**UI / UX Developer (Contractor)**

**Orlando, FL / Remote**

*Front end UX developer for Express Scripts, Inc. (NASDAQ: ESRX) Connect Your Care health insurance management system, used by millions of Americans every year.*

- Contracted remotely by CIBER and worked almost exclusively from home using Skype and Sharepoint.
- Built HTML5 and CSS3 assets from OmniGraffle wireframes and Illustrator creative comps.
- Created and managed custom jQuery functionality that supported the frontend's rich interactive interface, and the backend's AJAX requirements.
- Utilized jQuery UI controls to add rich functionality such as autocomplete, combo boxes, and custom selection controls. Created custom controls and jQuery plugins while maximizing 508 compliance.
- Assisted backend developers by making frontend adjustments per their functionality requirements.
- Converted and validated legacy XHTML assets to HTML5.
- Communicated with project managers and developers in an agile environment to make sure the end result would meet all project sprints.
- Contract ended upon completion of project.

**Triumph Learning, LLC. (formerly Educational Tools, Inc.)**

**09/2006 – 06/2011**

**Vice President, Multimedia Technology**

**New York City, NY / Remote**

*Played a key role in helping a K-12 publishing company transform from all paper-based delivery to 100% digital. Later appointed by CEO to develop 21<sup>st</sup> century interactive eLearning strategy.*

- Developer of Electronic Teacher's Desk Reference, Curriculum on Demand, and iCore (content platform and LMS), online products that made over \$10m annually.
- Designed and developed over 12 individual websites for company products and sister organizations.
- Assisted graphic designers and trained interns for marketing ads, flyers, and presentations.
- Provided Internal IT support for Mac, PC, and Windows Server issues.
- Seven time employee of the month.
- Assisted with technology migration and due diligence when company sold to Triumph Learning in 2010.
- Continued to operate as lead web developer of iCore, 2011 CODiE Award.
- As multimedia producer and development leader, created a business proposal for an educational game development team that would operate under minimum expense while bringing maximum ROI.
- Produced and designed several educational games under the iCore label.
- Assisted with content migration from iCore's internal content management system to Triumph's RSuite CMS. Developed XML format and batch converter to facilitate data migration.
- Assisted with migration effort of iCore backend, server migration to Amazon Web Services Cloud.
- Consulted with Digital Experience team for new corporate page redesign.

**Playfit Enterprises, Inc.**

**06/2005 – 09/2006**

**Senior Webmaster**

**Jacksonville, FL**

*Originally a web designer, became an editor and shareholder with the parent company, Playfit Inc. Project was an ASP & ASP.NET -based golf performance diagnostic tool.*

- Assisted in design and web management of PPES system frontend; Assisted developers with UI concerns.
- Designed and developed Flash-based animations and web presentations.

- Created presentations, prepared documents, and designed spreadsheets for project managers.
- Researched, documented, and filed the PPES software patents with the USPTO.
- Remained with company as a shareholder and consultant.

## EDUCATION

University of North Florida, BFA – Digital Media, Photography Minor, 2005-2007

Tallahassee Community College, AA + AS Graphic Design – Multimedia, 2001-2005

## SKILLS AND ACCOMPLISHMENTS

- Association of Information Technology Professionals (AITP) Jacksonville 09/2015 Guest Speaker
- 3<sup>rd</sup> Place Winner, 2013 Robert Wood Johnson Foundation Games to Generate Data Challenge
- 2011 CODiE Award Winner for Best K-12 Instructional Solution
- 15+ years hand-coded front end web design (**HTML5 / XHTML, CSS3, Javascript**)
- 15+ years digital graphic design (**print, multimedia, photography**)
- 10-12 years back end web development (**PHP, MySQL, MS SQL, SQLite. Some .NET / C#**)
- UI/UX tools (**Axsure, Balsamiq, Omnigraffle, and XD**)
- Version control platforms and frontends (**Git, Subversion, TortoiseSVN**)
- Extensive use of APIs (**RESTful, SOAP**)
- Unit test development (**PHPUnit**)
- Developing, preparing, and parsing **JSON and XML** schemas for import, export, and XSLT
- Node.js in Mac and PC workflow (**GRUNT, GULP, etc.**)
- Experience with PHP frameworks (**Laravel, CodeIgniter**)
- Some experience with Javascript frameworks (**Vue.js, React.js**)
- Coffeescript, and CSS preprocessors (**SASS, LESS, Stylus**)
- Web design frameworks (**Bootstrap, Foundation, Google Material Design**)
- **Agile / SCRUM** methodologies, prototype workflow for game development
- UI **wireframing, prototyping** and implementing a wide range of modern design styles
- Adobe Creative Cloud (**Photoshop, Illustrator, InDesign, Dreamweaver, Animate, etc.**)
- Code editors and IDEs (**Atom, Sublime Text, Aptana/Eclipse, PHPStorm**)
- Photography; video production, editing (**Final Cut Pro, Premiere, After Effects, Camtasia**)
- **LAMP stack** environments, Apache, Windows IIS server administration, database administration
- HTML5 semantics, SEO optimization, browser compatibility, and W3C web standards/validation
- **Section 508** interface accessibility standards compliance
- CMS solutions (**Wordpress, Joomla, Magento, Rsuite, Rythmyx**)
- 3rd party marketing and analytics tools (**Google Analytics, Piwik, Flurry, etc.**)
- Deploying resources into Amazon AWS (**EC2, RDS, S3**) and other cloud services; utilization of CDNs
- Various middleware (**PhoneGap, Appcelerator Titanium, etc.**) to create cross-platform mobile apps
- Management of overseas IT and software development vendors
- Developer and designer of over 12 published games and apps (**iOS, Android**)
- Some familiarity with **Alexa and Google Home** Skill development, speech parsing, and AI
- Windows software development, GUI development