

## Christopher J Borkowski

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### Web Developer | Administrator | Producer

Industrious web developer and media producer with 12 years experience engaged in realizing high-impact, cost effective, and user-centric solutions for web presence, new media content, and technology infrastructure. Track record of incubating and launching projects that engage stakeholders and the public alike. Industry sectors include Museums & Institutions, Education, Publishing, Finance, and The Arts & Entertainment.

### Skills

Web development & design  
Project Management  
UI/UX Prototyping  
Systems Admin Linux LAMP/LEMP, IIS, OS X  
Content and Asset Management Systems  
Film & Video production  
A/V install and administration  
Drupal, Joomla, CakePHP, WordPress,  
Magento

PHP, .NET, Mysql, Mongo, HTML5, CSS3,  
Javascript, JQuery, Bootstrap, Angular, Express  
JSON/XML/SOAP, RESTful & CRUD APIs  
GIT, SVN. Google Apps, Office 365, Adobe CC,  
JIRA, REDMINE, Track-it, Tello, Invision, Viso  
Apache, Ngnix, Node.js, AWS, VMWare, Docker

### Professional Experience

**Solutions Engineer, TxMQ Inc, Amherst, NY, 2018-Present.** Systems Administration, Development and Support. Build & maintain company VMWARE and Xen based data center and cloud based assets in AWS, AZURE, IBM BOX. Build, configure and maintain LAMP/LEMP web servers. Maintain companies networked Wordpress websites, Design & Build custom PHP and Angular applications for IBM MQ hardware/software. Maintain Salesforce Instances for sales data and recruiting data using TalentRover customization. Oversee engineering staff and distribute support tickets load for companies Manage Services Program. Write Solutions documentation for DR, security and policy administration.

**Web Developer & Analyst, RMS Consulting at Citigroup, Citibank Institutional Clients Group, Buffalo, NY, 2018** Design, develop, and deploy responsive HTML email campaigns and the corresponding surveys and registration forms for various products, market changes, citi sponsored events. Produce automated nightly reports of database entries from web forms using java server pages. Produce and maintain various sections of Citi's web properties using JSP/HTML5/CSS/Javascript using relevant libraries such as JQUERY and Bootstrap. Daily updates to various sections of web properties to display relevant market and fund performance data. Adhered to brand standards and Citi style guides while designing any and all web based content. Adhere to standard and special disclosure information while producing content for various products and business lines within the Citi banking structure.

**Lead Developer, CJB Media Solutions, New York & Buffalo, NY, 2013-Present.** Empower staff to become vested stakeholders by leveraging skills and talent to create job satisfaction and cost savings when talent is located in-house. Create and maintain web properties for business owners. Specializing in Drupal Content Management Systems, custom php websites, single page apps and progressive web app, dns management, hosting and provisioning using cloud based ASW and VPS based solutions, LAMP/LEMP systems admin & automation, intrusion detection & prevention, backup & disaster recovery. Clients: [www.thebroad.org](http://www.thebroad.org) | [www.jeffkoons.com](http://www.jeffkoons.com) | [www.nypl.org](http://www.nypl.org) | [www.ymcaofmewsa.org](http://www.ymcaofmewsa.org)

**Lead Developer, Balboa Park Online Collaborative, San Diego, CA, 2010-2014.** Rapidly launched 25+ web properties for BPOC and various institutions. Led stakeholders from concept incubation onward to visual design, code production, testing, documentation and staff training on various web properties. Produced cost savings for BPOC and increased the revenue stream from various hosting

contracts by migrating over 25 different web properties to the cloud by using AWS (Amazon Web Services) as well as Linode VPS.

### **Notable Projects**

#### **www.balboapark.org**

- Rapid relaunch on Drupal Content Management System.
- Increased uptime from 70% to 99% by migrating to Amazon AWS EC2 hosting and S3 storage.
- Empowered various intuitions within the park to become content creators and asset owners.
- Automated group calendar of events, content creation, destination mapping & blogging.
- Leveraged Drupal CMS to feed the parks mobile apps and outdoor information kiosks.
- Launched OpenX ad server that allow the park to generate new revenue stream from online ad sales.
- Built and integrated Apache Solr search into Drupal CMS.
- See [www.bpoc.org](http://www.bpoc.org) for additional web property lists.

#### **www.balboaparkcommons.org**

- Launched site and presented over 70,000 digitized images and assets from 7 organizations.
- Delivered sanitized data from the Piction DAMS in a RESTful exchange.
- Organized and participated in focus groups, design meetings and tech discovery sessions and ultimately coded the site in CakePHP and leveraged JQuery and other Javascript and PHP libraries to deliver the final product.
- Architected custom automated LAMP stack with.

**Senior Web Developer, Solomon R. Guggenheim Museum, New York, NY, 2004-2010.** Effectuated long and short term institutional goals by building web properties and IT infrastructure as well as leveraging in-house talent and labor. Achieved significant cost savings, uptime, performance, and added to museum culture by empowering the employees and engaging the public through technical innovation.

### **Notable Projects**

#### **www.guggenheim.org**

- Relunched the website in the Joomla! CMS while conforming to SRGM Style guide and design comps.
- Produced cost savings, greater uptime, and performance by architecting LAMP and Windows server infrastructure that spanned from NYC data center to Rackspace facility in Austin TX data center.
- Increased viewership up to 500K visitors per day at peak.
- Creating custom Joomla Components, Modules and Plugins that allowed for unique content to be created and displayed from the Joomla CMS.
- Collaborated with Google Sketchup & Google Maps teams to design, build and launch “Design it: Shelter Competition” section of the web site. This custom Joomla component allowed the public to submit media and materials from public website which was ingested as custom Joomla content that gave stakeholders full plushing controls and the general public the ability to view and vote on competition entries.
- Integrated (GSA) Google search appliance into Joomla CMS.
- Winner of 2009 Webby award for best Cultural Institution website.

#### **intranet.guggenheim.org**

- Created Museum’s first employee intranet.
- Realized substantial cost savings by porting Microsoft Content Management System to free and open source Joomla ! CMS. Conformed content and design to Museum Style Guide
- Enabled employees to become users, stakeholders, and content creators.
- Automated numerous organizational forms and documents that reduced paper and printing supplies and human processing times.
- Built in numerous features that were social media orientated to create a sense of community within the museum’s long standing corporate culture.

### **IT Infrastructure**

- Macintosh OS X refresh. Planned, budgeting, & implemented complete desktop refresh fleet of 120 units from aging OS 9 hardware to modern OS X, PPC and Intel based Macintosh fleet.
- Implemented OS X server to perform netboot and net install operations and bind users to Microsoft Active Directory thus enabling roaming profiles that traveled with users from location to location.

#### **MediaBeacon DAMS.**

- Planned and implemented museum first Digital Asset Management System. This web portal allowed the museum to create, manage, and distribute copyrighted and color corrected photographs of the Museum's Art Collection to stakeholders and various partnering institutions world wide.
- Facilitate the creation of an institution wide color profile ensuring that exact color parity flowed from the photography studio to desktop monitors, print workstations, offset printing presses and all digital content.

#### **Broadcast Designer and Technician, Lehman Brothers Inc. New York, NY, 2003-2004.**

- Achieved visual consistency for broadcast graphics, spanning from digital signage to live webcasts and corporate videos.
- Performed camera work and studio switching for live to air interviews with various broadcast networks. Post Production Designer and Editor using Avid Media Composer, Adobe After Effects and Final Cut Pro.

#### **New Media Technician, University of Buffalo, Dept. of Media Study, Buffalo, NY, 2001-2003.**

- Architected department wide technology refresh for the Department of Media Study by designing and building cutting edge classroom labs and studios for media production.
- Worked within department budget along with Tenure Track and professional staff to design and implement classroom labs for courses in New Media, 3-D animation, Digital Video Editing, Film Editing, Television Broadcasting, Virtual Reality, and Robotics.
- Taught two courses per semester in New Media I & II while performing technician duties for the department.
- Thesis advisor for graduate students, mentored undergraduates and produced student shows/demos on and off campus.

#### **Technical Director, Hallwalls Contemporary Arts Center, Buffalo, NY, 1997-2001.**

- Innovative and creative Technical Director. Part of dynamic staff that received the New York State Governor's Art Award, as well as national and local arts awards. Successfully wrote technical components of various federal, state and local grants.
- A/V and Digital technical assistant for Hallwalls Artist Residency Program.
- Provided video projection, sound & lighting for live events.
- Executive producer of the gallery's cable access television show.
- Occasional curatorial duties.

#### **Associate Producer/Assistant Editor, Joe Slade White & Company, Buffalo, NY, 1996-1997.**

- Assist with the offline Avid edit of national commercial spots. Maintain Avid Media Composer. Coordinate on-line edits with NYC production house.
- Pre-production planning and budgeting for film shoots as well as travel to locations to advance production and assist director and producer on shoot dates.

#### **Education**

University of Buffalo, Buffalo, NY. BA in Media Study with a Digital Arts concentration.  
 Erie Community College, Buffalo, NY. AA in Liberal Arts with Social Science concentration  
 North Tonawanda Senior High School. New York State Regents Diploma.

**References**

Richard Cherry | Principal at Modern Operations  
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Erick Kendrick | CEO of Piction Digital Media Warehouse  
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