

# Palmer, Donovan

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## Objective

Seeking opportunities to improve as a web developer and grow into an architect while making the world a better place.

## Experience

### Senior Web Developer – Universal Music Group

03/16-Present

After working for Interscope Records for 2 years and building the ASF Drupal Platform, the parent company UMG was so happy with how efficient and effective our Drupal platform was. Higher ups decided that they wanted to bring our team to the center to do the same for other record labels. Primary duties included back end development, module development, dev ops, and maintenance of existing sites & apps.

- Maintained and supported our existing Drupal 7 distribution called "Artist Site Factory". (See previous position at Interscope Records) It powers over 400+ sites. Examples of sites built with this platform: <https://www.selenagomez.com>, <https://theweeknd.com>, <https://arianagrande.com>, <https://eminem.com>, <http://kendricklamar.com>, <http://postmalone.com>, <https://interscope.com>, <http://www.republicrecords.com/> and hundreds more.
- Made additional enhancements to our Drupal 7 commerce implementation including Recurring Billing Payments for Digital Fanclub memberships and Split Shipments to let a customer choose to group line items together or ship them separately.
- Lead architect and developer on the Drupal 8 version of our Artist Site Factory platform. Taking the best approaches from our Drupal 7 platform and improving on them.
- Content Hub: Updated all our Drupal 7 Migrations to use the new migrate API in Drupal 8. Built a migration for an internal system that stores all of our "brands" and then upon importing of those brands, third party migrations (YouTube, Bands in Town, Spotify, Twitter, etc) are dynamically generated for each brand. Drupal 8 sites can they specify which "Brand" they are for and all the content is syndicated from Content Hub.
- Developed a PHP library for Salesforce Marketing Cloud used in integrations with Drupal, Magento and Wordpress.
- Developed a Media Entity uStudio Module for Drupal 8 that lets content editors upload Videos directly to uStudio and select which HTML 5 Player they would like to use. This media entity can they be attached to any other entities in Drupal.
- Used Composer & Acquia BLT for all Drupal 8 Development workflows.

### Senior Web Developer – Interscope Records of Universal Music Group

08/14-03/16

Primary duties included back end development, module development, dev ops, and maintenance of existing sites & apps.

- Architected a new Drupal called Artist Site Factory geared towards building amazing artist websites at a high velocity.

- Developed Migration scripts to aggregate third party data from Spotify, Instagram, Youtube, Twitter, and a variety of concert data sources (bands in town, live nation, seetickets, songkick). Also developed a script to import photos from a directory of photos locally.
- Developed a Drupal 7 module to integrate with Salesforce Marketing Cloud (formerly ExactTarget).
- Made a variety of enhancements to our Drupal Commerce implementation including an improved commerce checkout flow and more local storage utilization for shopping carts to reduce the load on our servers.

### **System's Analyst – ASU UTO**

**04/12-08/14**

Primary duties included front-end development, Apache Solr Search integration, Drupal module development, design & implementation of web applications and maintenance of existing sites & applications.

- Lead Developer in the Professional Learning Library application (pll.asu.edu). This is an Open Atrium site that was the successor to the Learning Resource Manager I built in previous versions of Drupal. Apache Solr is used for the search the back end.
- Lead Developer of the Integrated Search System for ASU. Integrated Search brings all of ASU search together in one place. People, Departments, Websites and more. It is built on top of Drupal, Search API, Search API Solr, Sarnia and Apache Solr with the data coming from an Oracle backend.
- Built migrations for the Service Learning internship drupal 7 site from their drupal 6 site. Also performed some bug fixes.

### **System's Analyst Associate – ASU UTO**

**05/10-04/12**

Primary duties included front end development, Drupal back end development, design & implementation of web applications, and maintaining existing sites & apps.

- Played a critical role in Freethrows version 2. I configured & implemented the Drupal backend. I built the web services used to send data from the flash game back to Drupal as well as the database structure to store the data. I also built the Problem Type administration functionality. I also helped design the leveling up system based on the Fibonacci sequence.
- Implemented new features & improved functionality into the Learning Resource Manager. Built a bookmark folder & tagging system. This allowed educators to search for resources and save them for later. They could organize them into private folders and public community tags. This allowed them to have personal collections as well as share resources with the community.
- Implemented Activation Codes into the ELT Cambridge University Project. Including code importing and management.

Supervisor: Ron Page (480) 965-2986 ron.page@asu.edu

### **Technology Support Analyst – ASU UTO**

**01/10-05/10**

Half time classified staff position while finishing the last semester of my degree. Finished deploying the new Learning Resource manager into production. Also provided bug fixes for various Drupal sites & Freethrows.

Supervisor: Ron Page (480) 965-2986 ron.page@asu.edu

### **Student Worker IV – ASU UTO**

**05/08-01/10**

Learned the basics of Drupal, Unix system administration and jQuery. Built & maintained basic sites for organizations and staff within ASU. Built & Implemented the initial version of Freethrows computer math game into a Drupal environment to be used at Dobson Academy. Began learning Apache Solr & development of the new Learning Resource Manager.

Supervisor: Jeff Beeman (480) 452-3953 jeff@jeffbeeman.com

### **Student Worker III – ASU UTO**

**10/06-05/08**

Customer service oriented position. Assisted teachers, faculty, and students with large format poster printing, video editing, music editing, website creation/maintenance & general technical support.

Supervisor: Gemma Garcia (480) 727-8850 gemma.garcia@asu.edu

## **Education**

### **Bachelors Degree in Computer Information Systems WP Carey School of Business at Arizona State University**

**May 2010**

Studied a variety of business topics such as accounting, finance, economics, supply chain management & most importantly how to utilize information technology to improve business. I also took a variety of computer science classes for my electives.

### **The Palm Valley School**

**June 2006**

Private school in Rancho Mirage, California where I received my high school diploma. Took a variety of advanced placement classes and played competitively on the basketball & baseball teams. Also performed over 50 hours of community service to local charities a year.

## **Computer Skills**

Actionscript 3.0, Adobe Photoshop & Flash, amfphp, Apache, Apache Solr, awk, bash, CentOS, Composer, CSS, Docker, Drupal Module & Theme Development, E Commerce, ExactTarget, Firebug, Git, Google Analytics, Google Tag Manager, Hardware Knowledge, HTML, ImageMagick, Javascript, Jenkins, Jira, jQuery, JSON, LAMP, Mercurial, Memcache, Microsoft Office Suite, MySQL, nginx, node.js, Perl, PHP, Python, Responsive Design, sass, sed, Solarium, Subversion, Symfony, Unix, vim, Windows XP & Windows 7, Xcode & XML.

## **Drupal Skills**

Actions, Apache Solr, BLT, Batch API, Blocks, Bootstrap, Blocks, CCK, Commerce, Context, ctools, Devel, Display Suite, Features, Feeds, Form API, Forums, Menu System, metatag, Migrate, Migrate D2D, Mobile Tools, Node Displays, Omega Theme, Open Atrium, Organic Groups, Panels, Panopoly, Rules, Sarnia, Search API, Services, Tokens, Views, Views Bulk Operations & Zen Theme.