Damon Kelley

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Github **–** Website

Objective

Aspiring developer pursuing an outlet to foster skills already gained, and build new ones. Extremely enthusiastic about contributing to new and existing software projects.

Skills

- PHP, Python, Javascript
- Git, Subversion
- Django, Symfony2
- AngularJS, jQuery
- MySQL, Postgres
- HTML, CSS, Sass, Less
- Linux, OSX, Bash

Work Experience

Software Developer – *Bright March, L.L.C.*   **Jan. 2013 – Present**

Working collaboratively on new and existing software projects through Github. Contributing bug fixes and enhancements to client web applications constructed with the Symfony2 framework. These applications span a variety of domains such as service technician dispatch, advertising metrics, insurance, and customer service review and rating. Utilizing open source tools such as Vagrant, Doctrine, Resque, Capistrano, Fabric and Phing.

Responsible for frequent deployments and some server administration.

Some of my work with Bright March has included:
- Upgrading our deployment strategy to utilize Fabric and automate the upload of the project asset files to an S3 instance.
- Implementing an event driven template caching mechanism for one our mobile web apps in order to decrease load time.
- Extensive development to integrate a third party CRM service, via an XML-RPC, to provide a unified interface, and automate data entry.

IT Programmer Analyst I – *University of North Texas Libraries*   **Dec. 2014 – Present**

As a member of the Software Development Unit, my primary task is to modernize the codebase for the *Aubrey* suite, which is a content delivery system built with Django. This is the software that powers sites such as The Portal to Texas History, The Gateway to Oklahoma History, and the University of the North Texas Digital Library.

Actively involved with open sourcing many of the packages that are currently only available and used with in the UNT Digital Library. Also assuming some light server administration duties.

IT Programmer – *University of North Texas Libraries*   **May 2014 – Dec. 2014**

Working as a member of the User Interfaces Unit, I was tasked with assisting in the creation of responsible, mobile-friendly user interfaces, in collaboration with the Software Development Unit. At times, this means writing HTML, CSS, Javascript, while in other instances it meant creating a backend infrastructure for such interfaces to be constructed, often with the Django or Symfony2 framework.

Some of my work has included:
- Building a Django project for creating interactive choropleth maps with user supplied data, using D3 to render the maps.
- Constructing a Symfony2 web application to migrate a series of Drupal installations to a single Wordpress Multisite installation.
- Updating and packaging an existing Django app for an official release on Github.
- Creating an open source Drupal module for searching external Opensearch enabled resources.
- Creating custom Wordpress child themes.

Level II Engineer – *AIO Network Solutions*   **Dec. 2013 – April 2014**

As a member of the Network Operations Center, I was responsible for maintaining servers, backups, deploying new PCs to their respective network locations, on-boarding new clients, and maintaining the internal knowledge-base. Providing a point of escalation for Level I Analysts. Using raw SQL to query databases and generate tailored reports for customers. Building and assisting with maintenance of internal web application tools for the company. Assume the role of on-site technician when necessary. Built an internal web application for tracking and uploading expense documentation.

Level I Analyst | On-site Technician – *AIO Network Solutions*   **Dec. 2012 – Nov. 2013**

Granted on-site technical support to one of our largest clients and implemented updates and edits to customer owned web applications (built on a LAMP stack), which included extensive front and back-end revisions. Provided assistance to our developer by composing a comprehensive test suite for a new, custom, in-house CRM system using the PHPUnit framework.

Additionally, I managed a diverse network environment and user base that spanned 5 locations in total. Provided application and desktop support including, but not limited to: Electronic Medical Records software, a third party Point-Of-Sale system, custom CRM web applications, and Microsoft Office. Maintained customer's Active Directory, Microsoft Exchange, and Avaya IP Office, providing custom user and group configurations when required. Utilized Group Policy Objects to allow automation of printer deployments, mapping drives, and the like.

Education

University of North Texas – College of Music   **Aug. 2007 – Aug. 2012**
Bachelor of Music in Instrumental Performance
- Instrument: Percussion. Minor in Music Theory
- Named *Principal Percussionist* of the UNT Symphony Orchestra
- Cumulative GPA of 3.67, cum laude
- Two time recipient of the UNT Wind and Percussion Scholarship (merit based)
- Recipient of the Yamaha Percussion Scholarship (merit based)

Projects

texas-choropleth – http://github.com/unt-libraries/texas-choropleth
A Django project for creating interactive choropleth maps of the State of Texas
- Responsible for design and construction.

django-name – http://github.com/unt-libraries/django-name
Name authority app for Django
- Currently upgrading app to be compatible with Django 1.4 – 1.7.
- Restructuring as a standalone app. Rewriting the test suite and integrating some testing tools such as tox.

django-invite – http://github.com/unt-libraries/django-invite
Django app for creating and inviting users to your project
- Ported this existing 1.3 app to be compatible with Django 1.5 – 1.7.
- Repackaged it for release as a standalone resuable app.

vagrant-box – http://github.com/brightmarch/vagrant-box
The standard Bright March Vagrant box for local development
- Consolidated the provisioning scripts from all the projects that were utilizing vagrant within the organization, and created a base box.

opensearch-client – http://github.com/unt-libraries/opensearch-client
An Opensearch client library
- Designed and implemented this library to be used as a pluggable component to the untdl_opensearch drupal module.

Certificates

Introduction to Computer Science and Programming – edX | MITx   **Sept. 2012 – Jan. 2013**
- Topics including control structures, programming idioms, OOP
- Built real world applications and simulations including a Roomba vacuum simulation, complete with a visualization
- Statement of Accomplishment: http://damonkelley.github.io/Certificates/600x.pdf

Introduction to Logic – Coursera | Stanford University   **April 2013 – May 2013**
- Solidified foundation of propositional logic
- Statement of Accomplishment: http://damonkelley.github.io/Certificates/intrologic.pdf

Programming Languages – Coursera | University of Washington   **Oct. 2013 – Dec. 2013**
- Used a variety of languages to explore advance programming idioms, with an emphasis on functional programming
- Explored languages such as:
  - Standard Metalanguage of New Jersey (SML/NJ)
  - Racket
  - Ruby
- Statement of Accomplishment: http://damonkelley.github.io/Certificates/proglang.pdf