

Summer / Winter Duties Transition

Summer Principle Duties

- 60% Web Development
- 30% Database Administration
- 10% Technical Leadership

Fall and Winter Principle Duties

- 40% Full Stack Web Development
 - Front-end development using modern web technologies: XHTML, HTML5, CSS3, JS, jQuery, SVG, Dart, LESS/SASS/Stylus, Backbone, Leaflet, Socket.IO, Jade.
 - Back-end development using numerous languages and frameworks: PHP, Python, Node.JS, Perl, ASP.NET, C#, C++, Laravel, Zend Framework, Symphony 2, Express.JS.
 - Database administration and design in SQL and NoSQL environments: MySQL, MSSQL, Oracle 11i, MS Access, Apache CouchDB, MongoDB, Apache Solr, FileMaker Pro, Redis.
 - Maintenance and security for all major web stacks: Apache 2, IIS 7 and 8, Nginx, Node.JS, Apache Tomcat.
 - Development and maintenance of existing websites and systems running WordPress, Drupal, Joomla, ModX, DotNetNuke.
- 30% Systems Architecture and Development
 - Develop architectures for and create large information and business automation systems for departmental customers and internal tools.
 - Coordinate large development efforts with service delivery teams within and without DoIT including US, SEO, ADI, UW Communications, and UW Marketing.
- 10% Technical Leadership and Staff Training
 - Design and implement project plans for large development efforts: websites, databases, internal tools.
 - Manage all technical and certain business aspects of special projects.
 - Provide training and oversight to junior development staff (B3R, RHW).
 - Make project and purchasing recommendations to customers and affiliates.
 - Design and implement internal policies and procedures for project execution.
- 10% Systems Development Services Consulting and Professional Instruction
 - Provide consulting to and collaborate with major development teams (UW Communications, UWSA) on development practices, project management, and technical topics.
 - Create professional development curriculum and provide classroom instruction for IS Technical Services Specialists, IS Systems Resources Support Technicians, IS Business Automation Seniors, and IS Systems Development Services staff.
- 5% Endpoint Management Infrastructure Planning and Delivery
- 5% Linux and Windows Systems Administration

Two Years with RaDS

Last Thursday (1/2/2014) marks my two year anniversary with RaDS. Since then I have reflected on the goals I had set for myself when I started, what I have accomplished here, and what I want to do as my appointment here wears on.

I have found that many of my original goals and aspirations have been achieved: I successfully transitioned from repair to DTS, begun the work necessary to establish a new service offering to campus, and made small but notable strides within the organization. Unfortunately, I also find I have failed to meet other goals—to that end, I am deeply unsatisfied with my growth and advancement within the department. Having established the beneficence of my skillset and knowledge to the department and our customers, I know that I have performed at or above the level of a typical student employee and perhaps even a typical FTE or project employee. I believe beyond a shadow of a doubt that my capacity to benefit RaDS, User Services, and our customers is great and want to do more and go further than I already have in these two years.

To accomplish this goal, however, a student appointment is not sufficient—it is restrictive and demeaning, and makes having a lasting impact all the more difficult. This is why I wish to immediately pursue a project appointment within RaDS.

Over the past few months, I have been researching the state laws and UW System codes that dictate hiring practices and procedures. Based on my findings, I believe that a project appointment can meet my needs, satisfy HR's requirements, and enable a deeper and lasting contribution to the department and its customers. I have collected documents from UW OHR and the Wisconsin Office of State Employee Relations which can provide a sound basis for the establishment of the position I hope for. If you share my interest in establishing this position, I hope that I can be a resource to you in what will be a truly unprecedented and difficult endeavor.