

I believe my biggest strength as an employee is my breadth of knowledge. I have obtained a wide array of technical skills: server management, programming, data visualization, SQL queries and data ETL. I'm a strong communicator; I'm able to explain and document heavily technical activities in a way that's easy for other people to understand. I also possess strong leadership skills; I love teaching, I keep calm under pressure, and I enjoy connecting people to the right work at the right time while helping them to succeed.

## **Program Manager**

Data, Analytics and Technical Advisory Group, UW Finance

University of Washington, Seattle

*September 2014 to Present*

[SSIS](#), [PowerShell](#), [PHP](#), [Drupal](#), [JavaScript](#), [TFS](#), [Hyper-V](#), [Windows Server](#), [PGP](#), [SQL Server Admin](#), [Lean](#)

## **Tableau Qualified Associate 2015**

- Implemented daily standups and Kanban board to track work assignments, both into existing non-lean team.
- Making sure employees are cross trained while mentoring new employees (interns and FTE) needing to build technical skill.
- Identifying priority issues or knowledge gaps, then stepping in to help the team navigate these situations.
- Ability to work with and communicate with more demanding clients, delivering solutions that are easy to understand despite their technical complexity.

- Coordinating vital feedback on all projects in process and checking in on the status of pending work.
- Streamlined new employee on-boarding and led key training initiatives.
- Strong advocate of multi-stage development, creating test servers and release procedures/environments for SSIS, SSRS, PHP, and training existing staff on their use.
- Developed time-variant database with views to enable easy reporting in a Tableau Analytics Suite used to communicate financial forecasting data collected by my team to stakeholders.
- Migrated existing VM's to new Hyper-V hypervisor, saving \$7,000 over a straight replacement of the existing hardware while increasing performance and fault tolerance.
- Sunset over 150 reports and 12 PHP apps, to reduce burden to maintain,

working with users to find alternative data sources or archiving rarely needed data in an accessible fashion.

- Led development and maintenance of an automated ETL from 4 third-party credit card processors to collect 250,000 transactions per month, booking them into the institutional financial system.
- Performed PHP and SQL Server Stored Procedure bug fixes on 4 inherited, poorly documented PHP applications.
- Heavily retrofitted one PHP app to add Payment to Individual and Travel Wires, and removed functionality that wasn't needed, saving data entry time and ensuring that sensitive information wasn't needlessly stored on our servers.
- Replaced a problematic PHP application with a Drupal forms/JavaScript solution and an ETL into our database, saving internal and campus staff time spent tracking down missing transactions due to PHP failures.

## Technology Manager

Childcare Quality and Early Learning, COE  
University of Washington, Seattle  
*May 2014 to August 2014*

PHP, Laravel, PostgreSQL, Vagrant, Debian,  
Git, Dropbox, Agile/Lean

- Implemented ticketing system and Kanban board to manage IT tasks and track work assignments.
- Onboarded and trained 3 direct reports in new processes for IT support and software testing.
- Led successful return of 25% of funds from vendor on a late, poorly implemented PHP project.
- Quickly got up to speed on company workflows and implemented high impact, low effort changes.
- Created Debian virtual machine for development on Laravel/PostgreSQL app using Vagrant.
- Convinced the organization to add a stage server for safer development.

## Developer / Data Analyst

Strategy and Information Management  
University of Washington, Seattle  
*October 2011 to May 2014*

PHP, CodeIgniter, MySQL, MS SQL Data  
Warehouse, Drupal, Toad, SVN, Agile/Lean

- Data analysis and project lead to link shadow system data to UW data, and refresh EDW fields automatically.
- Recreated 40+ end of year aggregated HR data reports from scratch and put them in a CodeIgniter application.
- Created ETL from the UW's EDW running MS SQL to a MySQL server for reporting.
- MySQL administration: database design, user grants, backup, and replication.
- Created a CodeIgniter library to access the RESTful HRPWS using JSON, Curl.
- Automated code testing using PHP Unit, Selenium, JMeter, and custom scripts.

## Technology Manager

Transportation Northwest, CEE  
University of Washington, Seattle  
*December 2006 to July 2011*

PHP, SQL, HTML/CSS, C#, JavaScript, batch,  
MySQL, Windows Server, Red Hat Linux.

- Extended custom proposal submission application and updated it each year.
- Created an application to track proposal funding and required documentation.
- Created PI/Contacts DB with PHP web interface for easy lookup and mail merges.
- Implemented automatic backup routine, including off-site transfer via Cisco VPN.
- Database administrator and named author on a GPS-based research project.
- Purchased and installed database servers for a collaborative research lab.
- Nominated for the college's Community of Innovators Award.

## Bachelor of Computer Science

University of Wisconsin, Oshkosh