wentzell

William "Paul" Wentzell

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Summary

Highly motivated systems administrator with a knack for all things information. My wide-ranging skills are a product of my strong professional background and interests in IT, cloud computing, programming, database administration, digital archives, digital preservation, data science, history, and photography.

Experience

Systems Administrator [July 2014 – Present]
Briscoe Center for American History, UT Austin Austin, TX

- Manage servers, databases, users, and applications serving University population of 55k and over 100k unique virtual visitors each year
- Design, develop automate, and deploy complex applications for patron engagement and digital object discovery.
- Provide programming and technical support for 50+ staff and 2k+ monthly patrons

Web Administrator [Jan. 2013 – July 2014]
Teaching and Learning Exploratory, UM Ann Arbor Ann Arbor, MI

- Designed UI/UX for video repository of teaching and learning practice serving the faculty of School of Education at UM
- Managed team of interns to design and code accessibility compliant web pages
- Coordinated with .NET developers to design complex web applications
- Drafted web content, education modules, acquisitions materials and other resources to assist discovery and education

Graduate Student Instructor: Intro to Python [Sep. 2012 – Dec. 2012]
University of Michigan School of Information Ann Arbor, MI

- Taught 30+ masters students introductory python in small group lab
- Created supplementary lesson plans to bolster course objectives
- Provided individual help and debugging support for students

Database Project Intern [May. 2011 – Aug. 2011]
Old Bethpage Village Restoration Old Bethpage, NY

- Designed complex digital media repository to manage and preserve photography of museum artifacts
- Coordinated with staff to produce efficient workflow for imaging artifacts
- Consulted with staff to assess best practices for preservation of digital objects, photo negatives, and prints

Skills

Adaptability, Research, UI/UX, Software Administration, Programming, Teamwork, Active Listening, Creativity, Communication, Problem-Solving, Self-management

Education

University of Michigan: Ann Arbor, MI
- M.S., Information, 2012

University of Texas: Austin, TX
- B.A., English, 2007
- B.J., Photojournalism, 2007

Software:
Linux/Windows
Ansible/Puppet
Apache
Nginx
Solr
Tomcat
Spark
IIS
Fedora Commons
Docker
Vagrant
Wordpress
Drupal
Google Data Studio
Omnigraffle
Balsamiq
FFmpeg
MS Office Suite
Adobe Suite
MS Visual Studio

Languages & Tools:
JavaScript
Python
HTML
CSS
PHP
SQL
Bash
PowerShell
GIT

Taxonomy:
METS
MODS
PREMIS
Dublin Core
MARC

Cloud:
AWS
VMWare
Pantheon

Certification:
CompTIA A+
CCNA (in progress)