

Clinton T. Graham

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University Library System
University of Pittsburgh
Pittsburgh, PA

Personal Overview

I lead teams in providing diligent, analytical problem solving with full-stack systems development and integration across both broad scope and minute detail.

Personal Expectations

Quality, integrity, elegance.

Driving Principles

Transparency, collaboration, and sharing/reuse.

Tagline

When you think you have it figured out, there is another dimension to explore.

Type Strengths

Strategic problem solver; resourceful, adaptable, and data-driven; strong sense of responsibility and initiative. Purposeful and mission-driven with an eye toward positive change. Structured and organized, but also innovative and curious.

ISTJ (*Myers-Briggs*), Type 1 (*Enneagram*), Gold-Green (*True Colors*)

Professional Skills

Core Mastery

Mentoring and collaborating in a diverse team-based environment; analyzing business processes and requirements; programming new and/or enhanced functionality within existing systems frameworks; developing web applications; evaluation, procurement, and implementation of new software systems; integrating diverse institutional systems; transforming data for import/export; designing and administering institutional databases

Supporting Competency

Chairing and leading cross-functional teams (including interorganizational, devops, governance, and workgroups); managing contributions and licensing for FLOSS; managing projects; preparing and evaluating RFPs; supervising team members; training and supporting end users; writing grants; writing reusable and ad-hoc reports

Technical Skills

Core Mastery

LAMP (Enterprise Linux, Debian), Programming (PHP, Perl, Python, Bash), Web Frameworks (Drupal, Public Knowledge Project, CakePHP), Revision Control (Git, Subversion), SQL (MySQL, Oracle), XML/XSLT/XPath

Supporting Competency

Django, Docker, ExLibris Voyager/Alma/Primo, EZProxy, Fedora Commons, HTML/CSS/JavaScript, Islandora, Jira, jQuery, LDAP, Shibboleth, VirtualBox, VMWare, Windows

Legacy or Additional Familiarity

Active Directory, Angular, Ansible, Basecamp, C, C#, CAS, Cognos, Eprints, Google Analytics, HPUX, Hyku/Hyrax/Samvera, IIS, ILLiad, Informix, Java, Jenzabar CX, MARC/MODS/DC/EAD, Moodle LMS, React, Solaris, Solr, SQLServer, Tableau, Tomcat, Travis CI, .Net

Relevant Work Experience

Systems Development Lead; Systems Developer

Spring 2014 to present: University of Pittsburgh, Pittsburgh, PA. Leading and supervising a team of 8 in the development of systems frameworks within the University Library System, with special emphasis on open access publishing.

Highlighted projects include:

Mentoring and guiding other developers in OOP, LAMP, Git, and XSLT.

Leading early adoption of SUSHI-Lite (COUNTER/SUSHI) API for bibliometric/altmetric data sharing.

Providing core development and Tech Committee chairmanship for the Public Knowledge Project. Identifying opportunity and supervising development to increase the CCVGD project efficiency 240%.

Proposing, initiating, and managing the ULS IT Residency.

Senior Systems Analyst; Web Developer

Fall 2011 to Spring 2014: UTSA, San Antonio, TX. Supporting and developing infrastructure and systems frameworks within the University's libraries, with special emphasis on web services.

Highlighted projects include:

Rolling out Shibboleth for library services.

Deploying libraries' mobile website and related services.

Implementing online room reservations.

Interfacing Voyager Acquisitions to PeopleSoft voucher payments.

Programmer/Analyst

Fall 2001 to Fall 2011: Asbury Seminary, Wilmore, KY. Enhancing and administering the school's enterprise resource platform and related systems, with special emphasis on enrollment management.

Highlighted projects include:

Implementing SSO institution-wide with CAS.

Integrating identity management across email, printing, library, ERP systems, and Active Directory

Custom application development for Admissions, Registrar and Financial Aid. (Received two

NACU software contest awards.)

Degree

B.A.: Computer Science

May 2001: Messiah College, Grantham, PA. Graduation *Magna Cum Laude* with Honors in Computer Science.

Honors Project:

Markup the world: from <universe>...</universe> to <particle />

Recent Voluntary Service

2023 — 2024

Colorful Backgrounds EXPO. Classroom support training formerly incarcerated people to build their employment prospects and organize for change.

2018 — 2019

Foundation of Hope. One-on-one mentoring in pre- and post-release care for incarcerated and recently released individuals.

2014 — 2019

Pittsburgh Mennonite Church. Collaborating in organizational administration, writing and executing grants.

2011 — 2013

San Antonio Mennonite Church. Treasurer. Budgeting and managing church finances, collaborating in organizational administration.

2009 — 2010

The Rock/La Roca UMC. Teaching and mentoring a diverse group of at-risk youth.

2007 — 2010

Williams Wells Brown Neighborhood Association. Vice President, 2008 to 2010; facilitating projects and meetings for concerned residents within a low-income urban neighborhood.

Professional and personal references available upon request.