Westmont College

Web Application Developer and Database Manager
Information Technology

Position Summary: The Web Application Developer and Database Manager (WAD/DM) designs and implements web applications and services providing well-designed, secure, and reliable access to and control of data resources.

Requirements:
Personal affirmation of the Christian mission of Westmont College and the Community Life Statement and adherence to its behavioral expectations required. A minimum of two years hands-on experience in web application development and database management is essential. Associates degree desired, Bachelor's degree preferred. Other requirements include skills in the following languages and tools: Ruby on Rails, Javascript, CSS, Perl, Python, PHP, MySQL, bash shell scripting, MS Access and Excel, and Windows. Additional requirements include: ability to define and communicate program design elements with the users of the systems; demonstrated careful attention to detail, good database and network troubleshooting skills, and willingness to maintain systems on an on-going basis.

Duties and Responsibilities:
Web application design/implementation
Working closely with end-users, the WAD/DM designs, implements and maintains web applications such as but not limited to: IT requests (mayday, prints2go), finances (purch), inventory (nexus, warehouse, refresh), Photo IDs, physical plant requests (upkeep, wheels, keyring), network assets, vendors, reporting (ellucidate), physical security (doorkeeper), and employee onboarding and termination (ITSR, ITTR, onboard). Encourages and trains end-users in the use of these tools.

Business Process analysis
The WAD/DM documents business processes and the required data flow associated with faculty, staff and students between systems such as learning management systems (Moodle, Canvas, Livetext, Turnitin), physical security (Maxxess), mailing lists (mailman) and aliases, Photo IDs, etc.

Database management
The WAD/DM designs and implements processes to ensure optimal performance of MySQL databases associated with the web applications described above, and to populate them and synchronize them with their appropriate data sources.

Expectations for workplace demeanor include but are not limited to: working collaboratively and harmoniously with co-workers, customers and others by sharing ideas and resources willingly, constructively and positively; listening to and objectively and respectfully considering the ideas and perspectives of others; readily admitting and correcting personal mistakes; meeting commitments; keeping your supervisor and others who may be affected informed about work progress; addressing problems willingly and constructively to discover practical and lasting solutions acceptable to all parties; working promptly toward reconciliation and forgiveness during conflict; respecting the diversity of our community in words and deeds. Westmont expects employees to avail themselves wherever necessary, demonstrating flexibility and openness to new requests and responsibilities in order to foster an environment of collaboration.

Other duties as assigned.

Reports to: Director of Network and Servers 5.16