

**Position:** Applications Programmer II, Library Information Technology Department  
Job no: 493834

**Deadline:** May 20, 2019

**Pay Grade:** 28S

The [University of Delaware Library, Museums and Press](#) seeks an Applications Programmer to make digital initiatives and scholarly content available, accessible, and discoverable via the Web. The incumbent will participate in the development, implementation and maintenance of applications used to ingest, transform and deliver content.

Reporting to the Head, Information Technology Department, the major responsibilities of this position include:

- Provide systems design, analysis, programming services to modify existing applications, and writes new applications. Follow coding standards and best practices. Write program documentation. Maintain applications.
- Test applications to ensure they work properly and determines that applications meet client needs. Correct any problems encountered during testing.
- Provide technical support. Consult with stakeholders to determine needs, clarify issues, define problems, develop specifications, and recommend solutions. Keep stakeholders updated on project status. Attend project meetings to discuss project problems and issues.
- Maintain knowledge with respect to relevant state-of-the-art technology, programming languages, operating systems, security procedures and utilities.
- Establish and maintain appropriate working relationships with colleagues and follow University, Library, and department policies and procedures. Work within the department's overall strategic plan following project priorities and scope. Meet deadlines and achieve goals.
- Perform miscellaneous job related duties as assigned.

**Qualifications:** Bachelor degree and two years of related experience, or equivalent combination of education and experience. A degree in Computer Science or related field preferred. Experience with the PHP and Javascript programming languages. Experience with Linux and Linux shells (bash, sh). Experience working with open source software. Working knowledge of web technologies and applications development. Knowledge of the XML stack, particularly XSLT for xml document processing and transformation. Knowledge of Java programming language. Knowledge of content management systems (e.g. WordPress, Dspace) design and development. Ability to work independently as well as part of a team.

## **LIBRARY, MUSEUMS & PRESS**

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Ability to communicate technical information to non-technical users. Ability to manage multiple projects and produce comprehensive documentation. Commitment to fostering an inclusive educational environment and workplace. Ability to work effectively with a diverse faculty, staff, and student population.

**General Information:** The [University of Delaware Library, Museums and Press](#) is committed to student success, scholarly research and inclusive excellence. The Library is strongly committed to fostering diversity within our community. We welcome those who have demonstrated a commitment to upholding the values of equity, diversity, and inclusion, and will assist us to expand our capacity for diversity in the broadest sense. The Library collaborates with strategic campus partners to achieve these priorities, as well as with national professional organizations including the Association of Research Libraries, Center for Research Libraries, Coalition for Networked Information, Council on Library and Information Resources, Digital Library Federation, Greater Western Library Alliance, OCLC Research Partnership, SPARC, HathiTrust, the National Digital Stewardship Alliance, the National Network of Libraries of Medicine (NN/LM) and the ACRL Diversity Alliance. More information about the Library is available at [library.udel.edu/](#).

The Information Technology Department is a creative, close-knit team committed to providing robust infrastructure to support daily operations, scholarly research, and information discovery. The team manages the university's digital repositories in Dspace and ArtStor; provides storage, preservation, and access to a large and growing set of digitized special collections; supports faculty digital scholarship such as the Colored Conventions Project; and maintains and enhances the Library's web presence.

**Benefits:** 22 vacation days. Generous 403(b) retirement plan. Tuition remission for dependents and spouses, and course fee waiver for employee. Full information about University of Delaware benefits is available at: [www.udel.edu/benefits/](#).

**To Apply:** Include cover letter and resume, along with the names and contact information of three employment references, following University of Delaware application instructions at [www.udel.edu/udjobs/](#)

**Equal Opportunity Employer:** *The University of Delaware is an Equal Opportunity Employer which encourages applications from Minority Group Members, Women, Individuals with Disabilities and Veterans. The University's Notice of Non-Discrimination can be found at [www.udel.edu/home/legal-notices/](#)*

*Employment offers will be conditional upon successful completion of a criminal background check. A conviction will not necessarily exclude you from employment.*