

## **I. Position Information**

Working Title: Identity Management Developer

Role Title: Professional Faculty

Posting Number: 0110525

### Position Summary:

This position will provide technical expertise and support for Identity Management Services system development and maintenance including applications supporting university business processes as well as identity management infrastructure and architecture. Duties will include systems analysis, software design, development and maintenance, integration, consultation, configuration, security services and other duties as required to support university identity management and access control processes.

The position will be responsible for defining, analyzing, planning, developing, maintaining, and modifying complex computer systems in a diverse technical environment ensuring accuracy and efficiency. In particular, the position must be able to address availability, security, integration, and software/protocol standards with respect to university identity management and access control processes.

### Required Qualification:

A proven background in developing JAVA/J2EE web applications using object-oriented development and design methodologies; Familiarity with JAVA/J2EE development tools and frameworks; Demonstrated knowledge of HTML and XML markup languages; Familiarity with developing web applications that use a relational database systems such as Oracle or PostgreSQL; Strong analytical and problem solving skills; Ability to work independently and in a team environment; Excellent communication skills; Bachelor's degree in Computer Science, Information Technology or related field.

### Preferred Qualifications:

Experience working with the components of an Identity Management system; Experience with electronic access control concepts and technologies (virtual and physical); Understanding of web application security concepts such as protected sessions, authentication, authorization and encryption; Understanding of AJAX; Knowledge of development process tools such as Subversion, Maven and/or Ant; Understanding of Service-Oriented Architectures (SOA) and web services standards as SOAP and REST; Familiarity with the Spring Framework; Experience with additional programming languages such as PL/SQL, PERL, PHP; Experience with business processes and applications supporting the research, academic and/or service missions of higher education; Advanced degree in information technology related area.

If interested in this position with Virginia Tech, please see the entire job announcement at:

<http://listings.jobs.vt.edu/applicants/Central?quickFind=193572>.