Position Description

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Position Number: 02019069
Dept: ENT APPS & INFRASTRUCTURE SVCS - 061419
Position: APPLICATION DEVELOPER .NET
Approved Payroll Title Code: 0653
Approved Payroll Title: APPLICATIONS PROGR 5
Approved MSP Salary Grade: 
Approved PSS Salary Grade: MSP26

POSITION DETAILS

Job Summary:
Under the general supervision of uConnect Supervisor, this position serves as a developer in all phases of analysis, design, implementation, testing, and integration of applications supported by EAIS.

Campus Job Scope:
Department Specific Job Scope:

Positions Supervised: N/A

70% SYSTEM ARCHITECTURE/DESIGN/DEVELOPMENT/ANALYSIS
- Work in an Agile development team to design, develop, document, and implement application software, utilities, or client applications that support enterprise applications.
- Analyze and document business application requirements and provide estimates of programming effort and duration on all assigned projects.
- Write functional and detailed technical specifications for application code developed.
- Establish and sustain a unit test capability for testing, fixing, and avoiding application bugs, and adheres to the Agile software development methodology.
- Participate in technical reviews of designs for code modifications or custom extensions to core applications that utilize Microsoft technologies such as Active Directory/Exchange/Office365/SQL Server, ASP.NET, and C#.
- Develop, execute and evaluate system load tests when
necessary.

20% APPLICATION DEVELOPMENT TECHNICAL SUPPORT
- Provide technical support to Application Development infrastructure and developed applications.
- Ensure system configuration and deployment procedures follow best practices.
- Resolve technical issues escalated by the campus clients.

10% PROFESSIONAL CURRENCY AND SOFTWARE & TECHNOLOGY EVALUATION
- Participate in the research and evaluation of emerging application development tools and technologies, and assist in making purchasing recommendations.
- Attend conferences, classes, and exhibits, involvement in professional groups and associations, subscriptions to and readership of professional literature, and other sources of learning will all be referenced in evaluating initiative in this area.
- Participate in periodic meetings with IET organization to discuss relevant issues pertaining to application development.
- Other duties as deemed necessary by management.

Physical Demands:
Due to the mission-critical services provided by this department, this position may work hours other than M-F 8-5, especially in response to system problems.

Work in a busy office environment with frequent interruptions.

Travel to campus and off campus locations. Occasional travel is required.

Work Environment:
UC Davis is a smoke and tobacco free campus effective January 1, 2014. Smoking, the use of smokeless tobacco products, and the use of unregulated nicotine products (e-cigarettes) will be strictly prohibited on any UC Davis owned or leased property, indoors and outdoors, including parking lots and residential space. Additional information and specifics regarding the policy are available at http://breathefree.ucdavis.edu/index.html
QUALIFICATIONS

Minimum Qualifications:

Experience with systems analysis and data processing skills to translate manual operations into automated processes.

Experience with the Microsoft .NET Framework including ASP.NET and the Visual Studio IDE.

Experience designing complex databases and writing queries against Microsoft SQL Server.

Experience with Windows Active Directory for identity and roles management.

Experience with Windows Powershell scripting language.

Experience with composite technologies such as, client/server technologies, web technologies (XML/XSL/XSD, X/HTML, AJAX, JavaScript, CSS, Web services such as SOAP/WSDL and REST), distributed computing concepts, application development methodologies, and networking concepts.

Experience with structured application development methodology in deploying technical solutions; utilizing other tools for design (e.g. Unified Modeling Language), application software version control and tracking (e.g. SVN and GIT), and code migration.

Preferred Qualifications for Selection:

Experience with T-SQL, VBScript, and/or C#.

Experience managing/deploying applications using Microsoft IIS.

Experience with standard programming techniques including analysis, requirements gathering, design, data collection and preparation, coding, and testing.

Experience working as part of a team with shared responsibility for success, setting reasonable expectations for sprint iterations and completing features on schedule.

Skilled in building loosely-coupled, service-oriented distributed systems
Skilled in use of software packaging and release management processes; including utilizing issue tracking, release tracking, continuous integration and build artifact repository systems (e.g. Jira, Bamboo, Maven)

Experience with Windows server operating systems.

Degree in Computer Science or related field or equivalent experience.

**Expectations**

Ability to effectively work in a team environment to solve technical problems. Skilled at written documentation for reports and work flow processing.

Communicate effectively with co-workers in person and via voice and chat, effectively use computer equipment, and conduct productive meetings.

Model the key values of the organization, including: Demonstration of integrity in the conduct of daily work. Accountability for the safe-keeping of resources in the employee's care and custody; reliability/teamwork; attention to maintaining and expanding expertise in the functions of the position. Modeling commitment to customer service in interactions with clients, co-workers and others. In both communication and conduct, interacting with clients, co-workers, and others in the workplace in a respectful, tactful, and effective manner.

Experience adhering to established guidelines and standards and to develop new guidelines as necessary

Participate at conferences, classes and exhibits, in addition to professional groups and associations. Subscribe and read professional literature to stay abreast of changes and advances in application development software and methodologies.

Independently follow projects through to successful completion with a high degree of quality.

Read and follow the UCD Principles of Community