

Category 5: Mobile Technology Services

The University may require IT staffing in the following mobile technology services which includes but not limited to, creation of technology neutral interfaces; mobile device management; mobile application development (Android and Windows platforms); mobile device deployment; centralized management of mobile devices; and/or social Media integration.

Following is a list of the position titles and descriptions applicable to this category:

Business Analyst: Perform business requirements analysis, workflow analysis, and work with users to write functional specifications. Critically evaluate information gathered from multiple sources, reconcile conflicts, decompose high-level information into specific details, abstract up from low-level information to general understanding, and distinguish between user requests from true business needs. Act as the liaison between the user and the technical team and provide support throughout the development life cycle. Deliver such artifacts as functional requirements, business requirements, use cases, GUI, screen and interface design. 'Requires a Bachelor's degree, analytical skills, ability to translate users' expressed needs into application and operational requirements.

Cloud Services Specialist: Deploy and operate large scale cloud infrastructure and application services. Monitor all servers, load balancers, and firewalls using suite of monitoring tools. Support backup strategy with existing database and critical file system. Ensure high availability and performance. Requires Bachelor's degree and 2 years of hands-on experience as a system engineer in a high-availability 24/7/365 infrastructure; extensive system administration experience; networking, firewall/security, and business continuity experience.

Deployment Specialist: Responsible for IT Service management, including deployment of IT infrastructure and applications into production; subject matter expert (SME) for Change and Release Management; manage troubleshooting of unplanned system outages; promote understanding of and adherence to change procedures; understand overall infrastructure and technologies being changed. Requires a Bachelor's degree; three years of professional IT experience; big-picture understanding. ITIL Foundation certification preferred.

ERP Developer: Analyze, develop, test, and deploy applications based upon established standards and practices. Translate functional requirements into detailed technical design specifications using standard design frameworks. Provide technical support and product customization for third party enterprise applications. Provide support for existing applications, including bug fixes, routine maintenance, mandated maintenance, functional issues, and performance issues. Requires a Bachelor's degree; software development experience; and working knowledge of relational database design and functional concepts.

Functional Architect: Maintain focus on the high level/conceptual vision of the product and its function and features throughout the development process to ensure the technology design ties to business requirements and creates a useful system. Requires Bachelor's degree and 5 years of professional IT experience, including experience with process improvement methodologies and project management.

Integration Specialists: Analyze, design, and document solutions which meet client requirements and which work within the established system architecture and meet technical standards. Work with project teams to analyze and review technical specifications, document integration components, and design complex multi-system integrations which provide complete business solutions. Requires a Bachelor's degree; technical analysis experience; and in-depth knowledge of business processes and implementation methodologies.

Object Modeler: Develop logical and physical data models based on business requirements, facilitate data modeling sessions to define and document business requirements, and work with IT staff within the organization to complete data model development. Requires a Bachelor's degree in Computer Science or a related discipline; knowledge of data modeling concepts; and experience with related technology tools.

Programmer: Develop and support complex batch and web applications, mobile applications, interfaces, and reports in a multi-tier distributed environment. Perform technical analysis, design, development, testing and support of software applications. Requires a Bachelor's degree in Computer Science, MIS, Engineering, or related field and at three years of software development experience.

Project Coordinator: Develop work plans, schedules, project estimates, resource plans, and maintain and communicate status reports for high profile enterprise IT projects. Provide business analysis support and subject matter and project management expertise. Requires a Bachelor's degree in MIS, IT, or similar discipline; Project Management Professional (PMP) certification; expert-level experience with MS Project, MS Office, and CA Clarity PPM; and five years of professional project management experience.

Project Manager: Provide direction for the technology development components of IT projects for the full project lifecycle. Provide resource projections, budget management, formulate project delivery strategies, establish milestones/schedules, report on project status, and monitor progress of all team members. Requires a Bachelor's degree, preferably in a technology-related discipline, and three years of project life-cycle methodology and technology project management experience.

Quality Assurance Specialist: Design, implement, and execute tests and compile reports to ensure applications meet end-user requirements, operate properly, and are free from defects. Document defects/system problems, provide summary reports to the project team, and document quality assurance procedures for analysis, test case design, testing, and tracking issues. Requires a Bachelor's degree and two years of testing experience.

Security Analyst: Focus on design, implementation, and administration of IT security policies, technologies, solutions, and processes to secure university applications, data, computers, and networks. Establish an IT security program and architecture which support strategic university business objectives; promote IT security awareness and education programs throughout the university. Provide hands-on administration of IT security hardware and networking gear. Requires a Bachelor's degree; at least 5 years of experience working in a Security Network Engineering or Network Engineering role; knowledge of information security regulations; and broad knowledge of IT trends. Industry security certification is preferred.

Systems Programmer: Maintain, optimize, and provide technical support for enterprise-wide applications/systems. Interact with vendors, and patch, upgrade, monitor, and maintain the University's enterprise applications to ensure fault tolerance and high availability. Requires a Bachelor's degree in Computer Science or related technical field and experience in a technical role in IT.

Technical Architect: Design and build custom elements of solutions and work with a team to deliver the complete solution to the customer. Provide technical direction and guidance, thought leadership, development oversight, and support successful project delivery. Requires a Bachelor's degree in Computer Science or a related technical field (Master's preferred); understanding of inter-relationships and impacts of systems and applications upon the enterprise-wide technical environments; experience architecting high traffic, high scalability, and high availability applications.

Web Application Developer: Create and maintain applications for the web using software languages and tools. Translate requirements into viable code, testing, debugging and preparing documentation following established standards and applicable regulations. Requires a Bachelor's degree in Computer Science or a related field, proficiency with at least one programming language, and knowledge of web user interfaces.