Class Title: Web Developer I, II, III, IV
Department: Information Systems
FLSA: Exempt

Class Code: I: 386
II: 387
III: 388
IV: 389
Grade: I: 22
II: 24
III: 26
IV: 28
Eff. Date: 3/15/18

GENERAL PURPOSE

Under general guidance and direction from the Director of Information Systems or designated manager, designs, develops, tests, debugs and supports county web applications and websites.

EXAMPLE OF DUTIES (Any one position does not include all of the duties listed; nor do the listed examples include all duties which may be found in positions of this class.)

Modifies, maintains, and updates existing websites of a standard nature.

Develops new websites to adhere to designs supporting internal business requirements or department users.

Coordinates with the team lead to determine final objectives, desired reports, historical data to be preserved and the data sources.

Standardizes the quality assurance procedure for websites and oversees testing and develops fixes.

Assists in the preparation of supporting procedures, forms, and documentation.

Designs and constructs web pages/sites including incorporating graphic user interface (GUI) features and other techniques. Maintains and provides ongoing design of the website, banners, seasonal content design for departments.

Helps maintain and manage the CMS(Content Management System) for the county.

Contacts County departments to analyze information system needs and requirements; assists in designing and documenting information systems; designs flowcharts of current data flow.

Performs web programming assignments including coding, testing, debugging, and documenting websites and web applications.

Performs related duties as assigned.

MINIMUM QUALIFICATIONS

1. Education and Experience:

    Web Developer I: Graduation from an accredited college or university with a Bachelor's Degree in computer science or programming, software engineering, web development or a closely related field; *OR* an equivalent combination of education and experience substituting one for the other on a year-for-year basis.

    Web Developer II: Graduation from an accredited college or university with a Bachelor's Degree in computer science or programming, software engineering, web development or a closely related field, plus two (2) years of full-time paid employment in the field of computer programming or web design; *OR* an equivalent combination of education and experience substituting one for the other on a year-for-year basis.

    Web Developer III: Graduation from an accredited college or university with a Bachelor's Degree in computer science or programming, software engineering, web development or a closely related field, plus four (4) years of full-time paid employment in the field of computer programming or web design; *OR* an equivalent combination of education and experience substituting one for the other on a year-for-year basis.

    Web Developer IV: Graduation from an accredited college or university with a Bachelor's Degree in computer science or programming, software engineering, web development or a closely related field, plus six (6) years of full-time paid employment in the field of computer programming or web design; *OR* an equivalent combination of education and experience substituting one for the other on a year-for-year basis.

    Education or experience for all levels must include:
    - HTML5 and CSS3
    - ASP.NET and Web API
    - CSS Preprocessors LESS & SASS
    - JavaScript
    - Editor and IDE experience (Visual Studio, WebStorm, VSCode, Sublime Text 3, Notepad++)

    Preference for education or experience with:
    - jQuery - Knowledge of modifying and implementing custom jQuery plugins
    - MVC Application development
    - AngularJS or other JavaScript frameworks and libraries
    - Front-end framework (e.g. Bootstrap, Foundation, Material, etc.)
    - Versioning tools (e.g. Git, SVN, etc.)
    - SQL Server 2008/2012 and the SQL language
    - Relational database design experience
    - CSS3 animations
    - CSS Preprocessors LESS & SASS

- AngularJS - Ability to contribute and modify to Angular Projects; Package Management (NPM, Nuget, Homebrew, Bower); Source control experience and management, (Git, SVN, etc.).

Career Ladder: This position is part of a career ladder job series (I/II/III/IV). Incumbent in this classification may be eligible for career ladder advancement on his or her eligibility date after meeting the minimum requirements for the position, if recommended by his or her supervisor and approved by the department administrative officer.

2.   Special Qualifications:

May be required to pass a criminal history background investigation.

This position may require the driving of a motor vehicle; skill in operating a motor vehicle in a safe manner; ability to insure motor vehicle is operating in a safe manner; knowledge of Utah motor vehicle rules and regulations.

Employees driving a personal or a County vehicle for job related travel must possess a valid driver license and must operate a motor vehicle in a safe manner; new employees with an out-of- state license must obtain a valid Utah Driver License within sixty (60) days of hire date (exceptions for military personnel and their dependents). Employees driving a personal vehicle while on County business must maintain the minimum vehicle liability insurance as specified in Utah Code.

3.   Necessary Knowledge, Skills and Abilities:

Working knowledge of: CSS3, common CSS3 libraries; JavaScript; HTML5; ASP.NET and Web API, Visual Studio 2015 or newer, SQL Server 2008/2012 and the SQL language; Content Management Systems (i.e. Joomla, Wix, WordPress, Sitefinity);

Skill in: keyboarding; Responsive and Mobile Design; Cross-Browser Development; using JavaScript task runners (e.g. Grunt, Gulp); testing/debugging server-side functionality of existing websites; command line expertise; Slider Revolution experience or experience with highly complex jQuery slider plugins.

Ability to: design color schemes; contribute to designing custom UX and UI for applications and websites; create professional level image assets (Vector artwork) within Adobe Illustrator and Adobe Photoshop; create and modify C# web controls; design and create fully functional mockups for applications and websites; analyze user needs and convert requirements into websites and/or web-based services; set priorities and goals; work with minimal supervision; apply creativity toward project design; adapt and learn new skills; troubleshoot and solve problems; communicate effectively (verbally and in writing); follow written and oral instructions; establish and maintain effective working relationships with supervisors, other employees and departments, and the general public.