

WEB PROGRAMMER

GENERAL STATEMENT:

Perform a variety of technical duties using an array of web development software applications, techniques and web development tools to design and produce high quality dynamic web-based functions for the college.

REPORTS TO:

Vice President of Information Technology Services

OCCUPATIONAL GROUP:

Paraprofessional

FLSA: Exempt

QUALIFICATIONS FOR APPOINTMENT:

EDUCATION:

Bachelor's degree with an emphasis in web design and development or blended educational background in design and technology preferred. Associate degree with related experience, or equivalent.

LICENSE OR CERTIFICATION:

None

EXPERIENCE:

Candidate should have a minimum of three (3) years of experience in programming and development or other directly related experience preferably in an educational environment.

OTHER:

- Must have excellent oral and written communications skills.
- Must possess excellent problem solving and logical thinking skills.
- Skill in working in collaborative team-based environments.
- Must have proven knowledge of programming and of the capabilities and limitations of the Internet, the World Wide Web, HTML, XML, XSLT, CSS, JavaScript, and digital image formats.
- Must have the ability to meet deadlines and provide quick turnaround on projects when necessary.
- Should be proficient with Visual Studio, Microsoft SQL Enterprise Manager, Microsoft Office and other software development products.
- Should be proficient in the following web development programming languages: ASP, ASP.NET, VB Script, VB.Net, C#.Net, Linq, and JavaScript.
- Should have full understanding of how to connect and interface with SQL, XML, and DB2 databases.
- Should have database experience should include knowledge in table creation, indexes, stored procedures, security, data transfers, back-ups and triggers.
- Should have knowledge of SQL Reporting Services and Crystal Reports.
- Should be conversant in database development, relational database design, and database protocols.

DUTIES AND RESPONSIBILITIES:

- Perform all phases of software development, including analysis, design, writing code, testing, and implementation for applications.
- Design, develop and produce dynamic data-driven web projects following client requirements of program objective, input data, and output requirements.
- Determine standards for coding security and efficiency consistent with current standards and trends.
- Produce security, functioning, computer code for web sites incorporating user interface, links and navigational elements.

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- Prepares reference for users by writing operating instructions as needed.
- Produce and fine-tune html code for web sites to ensure college objectives are met, navigation and links are clean, and site has graphic and user appeal.
- Designs, develops, maintains and supports interactive web applications.
- Maintain skills related to the development of static and dynamic web pages including, but not limited to knowledge of the latest techniques, knowledge of **section 508** and web accessibility initiative guidelines and competency with the latest media and web development software.
- Continuously monitor industry trends, technologies, and standards and be able to research, recommend, and apply new technologies as they emerge.
- Contribute to the selection and deployment of new web server technology, web security and web statistics software.
- Contributes to team effort by accomplishing related results as needed.
- Other duties as assigned by the Vice President of Information Technology.

PHYSICAL REQUIREMENTS:

- Within the general range of an office environment.
- May require travel to and from various TVCC campuses.
- May be required to work after normal business hours in emergency situations.

The above job description has been reviewed with the employee and specific duties and responsibilities were explained. It was also explained that all questions concerning duties, responsibilities, working conditions, hours, etc., should be directed to the immediate supervisor.

Employee's Signature

Date

Supervisor's Signature

Date

All TVCC positions are security sensitive and require a criminal background check.

Approved: 08/1/2011

Revised:

JD490