

The Southern Baptist



Theological Seminary

Position Description

Position Title: Web Developer

Department: Campus Technology

Position Code: E0461

Date Prepared: 5/31/11

FLSA Status: Exempt Non-Exempt

Full Time: Yes No

JOB SUMMARY:

The Web Developer works closely with the webmaster, other developers, and web designers to design, implement, and test new web pages, web sites, and web-based applications; maintains and updates existing web applications. The Web Developer will be proficient in various web-based frameworks and programming languages, with a willingness to learn new technologies as needed.

ESSENTIAL JOB FUNCTIONS:

The employee in this position will have the following essential job functions:

- Works with our team and our internal clients to collect and define requirements for both new projects and updates to existing projects
- Implements and maintains web applications, web sites, web pages, web-based forms, etc. using a variety of languages and frameworks
- Creates and maintains plugins for extensions for the CMS and LMS systems in use at the seminary, including WordPress and Moodle
- Designs and implements user interfaces and architecture logic for web-based software systems using languages and frameworks including HTML, CSS, PHP, and Javascript (including ajax frameworks such as JQuery). Experience in C#, Ruby on Rails, Objective C, or additional languages would be helpful
- Works with web designers and outside vendors as needed to facilitate efficient workflow through the right tools and projects to fulfill requirements
- Works with faculty, staff, students, and others to resolve usability issues with current web sites and web applications
- Will design, implement, and refactor SQL databases, tables, indexes, views, stored procedures and similar database software components as part of the software implementation process
- Will be involved with monitoring and reevaluating application and database efficiency and will develop solutions to inefficiencies as it affects usability
- Installs and configures common server-based systems and software including database servers (SQL Server, MySQL), web servers (IIS, Apache, nginx), and industry-specific applications as needed for projects
- Will manage their development software and hardware as necessary for job functionality

Performs other duties as may be assigned by supervisor.

EDUCATION:

The person in this position will have a BA/BS in computer science or related field or will have equivalent experience.

EXPERIENCE:

The person in this position should have previous extensive knowledge of:

- Scripting and markup languages including HTML, CSS, PHP, Javascript and Javascript libraries such as JQuery and SQL
- Database systems including Microsoft SQL Server or MySQL
- Web servers and configuration of IIS, Apache, or nginx
- CMS platforms and plugins including WordPress

Preferred experience would also include experience in C#, ASP.NET (including MVC), Ruby on Rails, Objective-C. Familiarity with design patterns in programming and design including responsive design patterns and an understanding of using object-oriented principles when writing code would be preferred.

SUPERVISION:

The person in this position will supervise no one.

The person in this position will report to the Director of Software and Development.

WORK ENVIRONMENT:

The person in this position will work in a typical office environment but may be required to do occasional work from home.

EQUIPMENT:

The person in this position will use the following equipment: personal computer and typical office equipment.