Web Designer and Developer

Octo Consulting Group is seeking a Web Developer intern with hands-on experience in building interactive and modern web sites with HTML5, CSS3, and other JavaScript and CSS frameworks. This individual will work with Octo Consulting’s emerging R&D department and Innovation Labs (Octo Labs) to research, prototype and build interactive applications and prototypes that are customer facing.

Responsibilities:
– Work with R&D lead to identify, research and prototype application ideas
– Work with R&D lead and Project Managers to prototype and build interactive web applications
– Collaborate with back end developers in building the prototypes and applications

Required knowledge and experience with the following:
– Demonstrated experience building interactive web sites based on modern standards and web browsers
– Hands-on experience in writing standards compliant code with HTML 5 and CSS 3
– Proficiency with one or more web application development frameworks and Javascript libraries such as Angular, Knockout, ExtJS, jQuery, D3.js, etc.
– In-depth understanding of Object Oriented design patterns
– Understanding of asynchronous and event driven programming
– Proficiency with one or more CSS Grid frameworks like Bootstrap, YUI, 960.gs
– Experience building custom reports and dashboards

Required qualities/skills:
– Working knowledge of Web Browser compatibility issues
– Working knowledge of Adobe Creative Suite (Photoshop, Illustrator)
– Understanding of responsive and adaptive design
– Understanding of user experience principles

Desired experience and/or familiarity with the following:
– Proficiency with CSS generators like LESS, Sass, Compass
– Familiarity with server side programming (PHP, Ruby, .Net, etc)
– Experience writing and conducting unit tests
– Experience with software source code management (Git)
– Experience working in an agile environment and/or with continuous integration

Clearance Requirement: None

Location of Work: Tyson’s Corner, VA