Software Engineer

Octo Consulting is seeking a Software Engineer intern to join our R&D team. This individual will work as part of Octo Labs, Octo Consulting’s emerging R&D and Innovation department, while helping implement solution prototypes, demos and interactive web applications.

Responsibilities:
– Contribute to and works on innovative products and solutions as part of Octo Labs
– Collaborate with web developers, designers and UX designers in building prototypes and interactive web applications
– Work with R&D leads and Project managers in implementation of solution ideas
– Design, develop, unit test and document design, architecture and implementation of solutions

Required knowledge and experience with the following:
– Hands-on experience in the design, development, testing and deployment of interactive web applications
– Firm understanding of Object Oriented Analysis and Design (OOA/D) and Architecture concepts as applied to web application design
– Experience in feature definition, design, and feasibility
– Excellent implementation skills and working knowledge of one or more of the following languages, platforms and tools
  o C++, C#/.NET, Java/JEE, Python, PHP/LAMP, Ruby/Rails, etc.
  o Relational databases and SQL – MySQL, SQL Server or Oracle
  o HTML5, CSS and JavaScript
– Knowledge of UNIX/Linux or Windows environments and APIs
– Knowledge of and/or experience with Amazon Web Services (AWS) or other cloud provider environment, with the ability to create and manage cloud resources

Required skills and qualities:
– Pursuing a Bachelors or Masters degree in Computer Science or related technical field
– Enthusiastic problem solver able to derive creative and innovative solutions to interesting/challenging problems
– Constant desire to learn and improve
– Autonomous and self-driven
– Excellent written, verbal, client service and presentation skills
– Excellent analytical and process-oriented skills
– Strong work ethic and ability to self-manage tasks

Desired experience and/or familiarity with the following:
– Experience or knowledge of building reusable services using web services standards such as SOAP, REST, XML, JSON, etc.
– Familiarity with software source code management and continuous integration environments such as Git, Svn, etc.
Software Engineer

- Experience with multiple operating systems and platforms, and shell scripting is a strong plus
- Experience working in an agile (continuous delivery, multi-sprint) environment

**Clearance Requirement:** None

**Location of Work:** Tyson’s Corner, VA