

## Software Developer

42SIX is CSC's advanced software technology organization. We develop Big Data and Mobility solutions for the North American Public Sector serving clients across the federal, state, and local governments. 42SIX has a rich history of delivering mission critical software that makes a difference to our users and stakeholders.

42SIX is searching for talented engineers to join our team and make positive impacts through software. We hire into the organization and not for specific contract. As a result, our engineers have the opportunity to work across different customers and challenges, to develop and improve innovative solutions, and to advance their skills at the speed of progress. This means our engineers don't get stuck working with outdated technologies. They are constantly learning and expected to learn in order to take advantage of the latest technologies. Agile is at the core of our approach-- Engineers partner with our domain experts to lead our teams to success.

As a software engineer, you will be a member of a small, agile team of software developers responsible for delivering working software to users and stakeholders that solves critical mission and business problems. 42SIX supports exciting technology projects that span the breadth of CSC's entire customer base. Your team will work to assess, synthesize, and develop innovative technical solutions to enhance the users' experience and respond to rapidly evolving needs. You will be expected to apply innovative technologies by writing code and integrating open source and off-the-shelf technologies.

Candidates must be proficient in object-oriented software development and be able to demonstrate technical implementation capabilities and disciplined development. The software engineer must be familiar with either Java or C#, and have some knowledge of developing access routines with relational database management systems such as MySQL. Candidates must be driven and willing to expand his or her skills and be creative and inventive enough to implement new techniques for greater efficiency and performance. The software engineer must demonstrate a high degree of problem solving ability and be able to communicate effectively.

### Job Responsibilities & Qualifications

- Plan, design, and develop software to meet requirements and/or user stories
- Integrate software components into complex systems and drive software reuse
- Test, integrate, and deploy software
- Work with users and user experience engineers throughout the software development lifecycle
- Evaluate open source and COTS software capabilities for suitability

### Top 3 Skills Required to be Successful in Role - the "must haves"

- Experience developing software with object oriented programming languages
- Working knowledge of agile software methodology, software development lifecycle, software test, version control, and build.
- Working knowledge of implementing databases, modern web development stacks, or a voracious thirst for knowledge
- Knowledge with polymorphism, Big O Notation.
- Understand Data Structures such as Binary search trees & Hash Tables.
- FULL US CITIZENSHIP-Client is the U.S. Government, and Requires this
- Graduation in December 2015 or May 2016, Position in Tucson

### Secondary Skills ("nice to haves")

- Ruby, JRuby, Javascript (node.js, angular.js)
- Rails, Grails, or MEAN
- Hadoop/MapReduce, MongoDB, Accumulo
- Experience developing mobile applications (iOS, Android) or platforms such as MobileIron
- Git, Maven, Ant

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