Full Stack Analyst – Digital & Data Analytics

Full Stack Analysts in the Digital & Data Analytics group will be part of a great team focused on developing and creating innovative solutions to solve real-world problems across different industries.

At Stout, you're engaged in real work right away.

As an Analyst, a typical day might include:

- Developing, testing and deploying software solutions
- Applying statistical and machine learning methods to analyze data from different industries
- Working with large, complex datasets and implementing big data algorithms
- Writing client-side and server-side code for web-based applications
- Extracting and visualizing data from multiple sources
- Building rapid software prototypes and accelerators by following agile principles
- Leveraging RPA bots to automate repetitive tasks

As an Analyst, you will be part of a firm where the culture and exceptional client service is inspired from leadership down.

The Analyst should have a passion for technology and creating tangible, useable software, and should have the following academic and professional experience:

- Completion of an undergraduate or graduate degree in Computer Science, Computer Engineering, Applied Math, Statistics or related areas
- Solid understanding of OOP software design and architecture
- Sound programming skills in Python, Java, Scala or R
- Proficiency with front end development in JavaScript, HTML and CSS
- Familiarity with JavaScript libraries and frameworks, such as Angular JS, React or D3
- Solid knowledge of database technologies, including relational (e.g., SQL, MySQL, etc.) and non-relational (e.g., MongoDB, CouchDB, etc.) databases
- Understanding of cloud computing and skills in one cloud platform (AWS, Azure, or GCP)
- Knowledge of code versioning tools (Git, SVN, etc.)
- Understanding of network security protocols and data encryption algorithms
- Exposure to RPA software a big plus
- Coursework/practical experience with:
    - OOP programming languages, preferably python
    - Software design patterns
    - Data structures and efficient data storage methods
    - Machine learning, data analysis and data visualization techniques
    - Web libraries and frameworks
    - Big data analysis and cloud computing

The specific statements shown in each section of this description are not intended to be all-inclusive. They represent typical elements and criteria necessary to successfully perform the job.

Stout is an Equal Employment Opportunity / Affirmative Action employer. All qualified applicants will receive consideration for employment on the basis of valid job requirements, qualifications and merit without regard to race, color, religion, sex (including pregnancy), sexual orientation, gender identity, national origin, physical or mental disability, protected genetic information, protected veteran status or any other characteristic protected by applicable local, state or federal law.