



**C & Y Global Inc.**

121 N Pasadena Blvd.

## **Software Engineer (Data)**

### **Location**

Livermore, CA

### **Job Hour:**

Fulltime 8 am – 5 pm

### **Job Description:**

- Prepare technical drawings, specifications of data systems, or environmental maps to ensure that installation and operations conform to standards and customer requirements;
- Operate computer-assisted engineering or design software or equipment to perform civil engineering tasks;
- Design and maintain software systems, incorporating statistical analysis and mathematical models to predict online business customer behaviors;
- Identify scaling issues and build a scalable data platform to meet platform growth needs;
- Troubleshoot an correct existing software errors, allow it to adapt to new version of software (via updates);
- Design software system testing process and validation procedures;
- Analyze user needs and software requirements to determine feasibility of design within time and cost constraints;
- Oversee project production efforts to assure projects are completed on time;
- Plan or implement research methodology or procedures to apply principles of machine learning theory to computer engineering projects;
- Application of Machine Learning in determining user-behavior in an e-commerce website;
- Statistical analysis of data to gain insight for clients.

### **Minimum Requirements:**

- (1) Master's degree in Computer Science, Software Engineering or related plus 1 year experience as Software Engineer (Data), Software Engineer or related
- (2) Demonstrated proficiency in Hive, Python, REST, Map-Reduce, Hadoop and HBase.

**Employer Contact Information:**

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