

PACO Technologies

Position Title:

Computer Science Expert, with knowledge/understanding of engineering and construction management terminology.

Position Description:

The position is to assist in developing data classifiers, mining algorithms and models for: Data Mining, Text Mining, Sentiment Analysis, Probabilistic Analysis, GPS, and Data Visualization, etc.

Data analytics is the process of examining large volumes of data “Big Data” with the purpose of drawing conclusions about the data. PACO Technologies (PACOTECH) data analytics service consists of the capability to examine large amounts of data produced during a project’s lifecycle: Planning, Design, Construction, Operation and Maintenance.

PACOTECH is offering our clients in the infrastructure and transportation industry the following services:

- **Text mining:** transform text into numeric attributes that can then be used in data mining algorithms.
- **Data Mining:** the process of automatically discovering useful information in large data repositories.
- **Classifiers** are data mining algorithms that can group data into classes.
- **Probabilistic Analysis:** Prediction of cost and schedule performance
- **Sentiment Analysis:** Automatic identification of project problems
- **Visualization:** of Project Data and Trends
- **Lifecycle improvement:** “Lessons Learned”

This will be a part-time position (hours to be determined), with the possibility of it becoming a full-time position.

The pay is in the \$17 to \$20 range, depending on experience.

Preference will be given to graduate-level students or recent graduates.

Please send your resume to Frank Otero at fotero@pacotechnologies.com

PACOTECH a well-known long-time New York City based full service consulting firm specializing in program management and construction management services for major transit, rail, aviation, highway, parks, and various facility projects. Our core competencies include: expertise in cost estimating, configuration management, inspections, document control, scheduling, project controls, value engineering, IT, CADD, office engineering. Our website is www.pacotechnologies.com