September 26, 2017

Programmer

The Real-Time Hydrology Group at JE Fuller is expanding its data collection and dissemination software services. To keep up with our clients' needs, we are looking for a versatile programmer to support our small team of engineering and science programmers.

We strive to produce increasingly useful decision support systems for our clients with public safety and floodplain management responsibilities by integrating the following resources:

Real-time hydro-meteorological data collection: We solve the challenges associated with the complex task of gathering, processing and disseminating real-time data produced in a variety of formats by cooperating agencies.

User Interface: We provide data to cooperators and interested parties in a multitude of helpful ways including various mapping interfaces, summary tables, graphic displays, reports and alarms.

GIS: We integrate real-time data with our clients' GIS resources to produce intuitive geographic visualization platforms from which hydrologists, engineers, planners and emergency managers can make effective decisions for managing water resources, understanding the environment and saving lives.

Web Hosting: We support our clients' live web data services hosted on their local servers, on our in-house servers and in the cloud to bring everything together to produce intuitive situational awareness and access to data.

The successful candidate for the programmer position will help our team meet our clients' ever changing needs from either our Tempe or Prescott, Arizona locations. The position is full-time with benefits including health, dental, 401k and profit sharing. Compensation will depend on experience – we will consider entry-level candidates as well as those with experience. Please send your resume to resumes@jefuller.com.

The programmer will assist the Real-Time Hydrology Group with general programming, maintenance and development of our in-house data collection and meta-data management applications, web development, GIS geoprocessing and networking/IT tasks closely associated with the needs of the Real-Time Hydrology Group. The programmer will be expected to have, or quickly develop, proficiency in Python, SQL, JavaScript, and HTML.

Minimum requirements for this position include:
- Solid grasp of programming theory,
- Demonstrated experience with at least one high-level programming language,

- Desire to continue learning,
- Versatile and adaptive skill sets, and
- Able to pass a Level III background check.

Additional desired skills include the following:

- Proficiency in Python or JavaScript
- Proficiency in object-oriented programming
- Demonstrable GIS skills
- Background/interest in Physical and/or Earth Sciences
- Real-time telemetry data collection and data mining

JE Fuller is an Arizona employee-owned civil engineering consulting firm which was established in 1995 to create smarter engineering solutions informed by a fuller understanding of hydrologic processes. To find out more, go to www.jefuller.com and www.jefullerdata.com.