PROGRAMMER

IF YOU:
- Are a fast and willing learner
- Love using your innovative, creative, analytical brain
- Dig math and science
- Have Python, SQL, JavaScript, and/or HTML in your professional toolbox
- Want to hang out with civil engineers and wear shorts to work

We need you…

HELLO, WE'RE JE FULLER.

We are a well-respected, specialized, Arizona-based, civil engineering consulting firm, established in 1995, known for our smart, highly innovative and personalized engineering solutions to complex challenges in the areas of:

- Hydrology and hydraulics
- Flood warning
- Dam safety
- Fluvial geomorphology

If you don't know what those mean, that's ok (hence the "quick learner" in our job post). Our 100% employee-owned, "intrapreneurial" company structure gives us flexibility and adaptability to enjoyably do our jobs and serve our clients well. To get a better picture, check out www.jefuller.com and www.jefullerdata.com.

THERE'S THIS ONE PROJECT....

Our Real-Time Hydrology Group at JE Fuller is expanding our data collection and dissemination software services and we need a flexible and brilliantly versatile programmer to work with our small team of engineering and science programmers.

We are developing 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 notifications.
- **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 informed 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.

WHY WE NEED YOU

We need developmental genius to assist our 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.

WHAT WE'RE LOOKING FOR SPECIFICALLY

- Python, SQL, JavaScript, and HTML (proficiency or quickly developed)
- Solid grasp of programming theory
- Demonstrated experience with at least one high-level programming language
- Desire to continue learning
- Full-stack proficiency, but especially with the front end
- Versatile and adaptive skill sets
- US Citizenship is preferred

THINGS THAT WOULD BE NICE

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

REASONS TO WORK WITH US

- Convenient Tempe, Arizona location; options for occasional remote connectivity and field application in the Southwest outdoors (like hiking?)
- Relaxed, flexible, and casual work environment
- Really awesome (and very smart) people in a 100% employee-owned, "intrapreneurial" company structure
- Family, client, and peer-honoring culture
- Full-time position with benefits - health, dental, 401k (contributions made by company), HSA (contributions made by company), and profit sharing
- Competitive salary based on candidate's entry-level to mid-level experience

IF THIS IS YOU...

Please send your resume to resumes@jefuller.com. We are excited to hear from you.

LEGAL STUFF

- US Citizenship required
- No third parties or agencies