Assistant/Associate Data Programmer and Analyst

Closes: The position is open until filled with applications reviewed beginning April 5, 2022.

Status: Regular Full-time, 40 hours per week; Exempt FLSA status.

Salary: The starting salary and decision to offer the position at an Assistant or Associate level will be made at the end of the recruitment process, based on the experience of the selected candidate. The starting salary range is $72,000- $75,000 annually, DOE, with full benefits.

Location: Puget Sound Regional Council; Downtown Seattle, Washington; The position may be eligible for hybrid or remote work (within Washington state).

ABOUT PSRC:

The Puget Sound Regional Council is the regional transportation, growth management and economic development planning agency serving Seattle and the central Puget Sound. The thriving region is home to over 4 million people and is one of the nation's fastest growing metropolitan areas. PSRC brings together the region's counties, cities and towns, native tribes, ports, the state of Washington and civic interests to understand the challenges facing our region's future and make plans for the region to continue to succeed. The agency serves as the region's Metropolitan Planning Organization and also plays the leading regional role in growth management and economic development under state and federal laws. PSRC seeks to support an inclusive region and build a work culture which embraces diversity and promotes equity. Visit www.psrc.org to find out more.

THE POSITION:

PSRC is seeking an Assistant or Associate Data Programmer and Analyst to join its Data Department and perform a variety of data analytics and data engineering tasks under supervision. A qualified applicant for this position will have exceptional technical and communication skills, keen interests in scripting and data analytics to support complex planning and policy questions, and enthusiasm for learning new techniques and tools to tackle dynamic problems with data.

The position will conduct statistics, scripting, data analyses, visualization, and other data-related tasks using demographic, economic, land use, and transportation datasets and tools. It will also involve written and oral communication of analytic needs, processes, and findings, and provide general assistance for data engineering work in support of modernizing the agency's technical capabilities. Additional responsibilities include conducting database development and maintenance tasks, performing quantitative and qualitative research, and responding to information requests from external member jurisdictions and organizations. The position will conduct the following tasks:

- Use statistical, spatial, and other diagnostic techniques for data analysis.
- Develop computer programs to help process and clean data, manage databases, and perform statistical analyses.
- Collect, process, organize, and manage a wide variety of planning-related data.
- Visualize data through maps, charts, and other graphical displays to help examine and transform data into easily digestible forms.
- Perform research, synthesize, and summarize analytic processes and findings, and make recommendations to improve planning data analysis and processing.
- Ensure high quality and maintain proper documentation for data products.

THE CANDIDATE:

The ideal candidate will have:

- Demonstrated experience in statistics and data analytics. Ability to apply statistical, spatial, and/or other technical skills to analyze data to answer planning and policy questions.
- Knowledge of transportation modeling research methods and techniques
- Familiarity with Python, R, SQL, or other scripting languages is highly desirable.
- Ability to adapt to the changing data science landscape, learning new techniques, software and scripting languages as the needs arise.
- Ability to communicate effectively both orally and in writing.

- Excellent attention to detail, organization, and problem-solving skills. Able to coordinate between multiple and diverse work tasks with limited supervision.
- Ability to work independently and as part of a team, and with the general public and planning professionals.

EXPERIENCE AND EDUCATION:

Typical ways in which incumbents acquire the necessary knowledge, skills, and abilities include:

- Bachelor's degree in engineering, mathematics, computer science, economics, geography, statistics, planning, or related field.
- Minimum of one year (Assistant) or two years (Associate) increasingly responsible experience in engineering, planning, data science or related field.
- Or, any combination of lived experience or education experience in a related field that would provide the applicant with the desired skills, knowledge, and ability required to perform the job.

Experience refers to paid and unpaid experience, including volunteer work done through National Service programs (*e.g.*, Peace Corps, AmeriCorps) and other organizations (*e.g.,* professional, philanthropic, religious, spiritual, community, student, social). Volunteer work helps build critical competencies, knowledge, and skills and can provide valuable training and experience that translates directly to paid employment. You will receive credit for all qualifying experience, including volunteer experience.

TO APPLY:

For full job announcement, visit https://www.governmentjobs.com/careers/psrc.

OTHER INFORMATION RELATED TO POSITION:

- PSRC is an equal opportunity employer. All qualified applicants will receive consideration without regard to race, color, religion, creed, sex, sexual orientation, gender identity, national origin, disability, veteran, or protected veteran status, genetic information and other legally protected characteristics. We also consider qualified applicants regardless of criminal histories, consistent with legal requirements. If you need assistance and/or a reasonable accommodation due to a disability during the application or the recruiting process, please contact Human Resources at hrdept@psrc.org.
- This recruitment is being used to fill an existing vacancy and may be used to fill future openings for up to six (6) months.
- Individuals hired at the Assistant level may be eligible to advance to the next level without competition, once the competencies of the higher level have been met and upon recommendation of their supervisor.
- PSRC office hours are Monday – Friday from 8:00am – 5:00pm with work hours determined upon hired.