Transit Data Intern ($16 per hour)

Pittsburgh Regional Transit is seeking a Transit Data Intern to, during the academic year, conduct data analysis projects assisting Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit (PRT) in determining how to best deploy transit resources across the system.

Essential Functions:
- Assist the Transit Analysis team through applying data manipulation, analysis and visualization in one or more of the following projects:
- Analyze ridership patterns to inform service decisions.
- Assess effectiveness of service changes, including monitoring ridership per trip, on time performance, and ridership by geographic area.
- Develop interactive maps and dashboards that allow end users to explore transit data and discover insights.
- Assist with internal and external reporting and data requests as needed.
- Institute back-end data management processes such as automated Extract-Transform-Load operations and developing functions for commonly used data preparation techniques.

Job requirements include:
- At minimum, candidates must be in their Junior or Senior year of study in a public policy, data analysis, computer science or related degree program. Recent graduates of same programs will also be considered.
- Data manipulation skills, including ability to retrieve data, clean it, join to other datasets, and export in a clean format.
- Strong data visualization skills that communicate a clear message to the end user.
- Intellectual curiosity and the ability to identify and solve problems independently.
- Interest and familiarity with public transit (even just as a rider) and the desire to make public services better for everyone.
- Ability to work independently.
- Excellent communications skills.
- Planning and organization.

Preferred attributes:
- Candidate enrolled in or recently graduated from a master's degree program in public policy, data analysis, computer science or related field.
- Knowledge of a coding language such as R or Python.
- Knowledge of a dashboarding tool such as Tableau or PowerBI.
- Knowledge of a spatial analysis tool such as ArcGIS.
- Ability to write basic SQL queries.

Interested candidates should forward a cover letter and resume to:

Glenn Huetter
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EOE