## Job Announcement
## 2020 Internship - Bus Technology Systems Intelligence
### An Equal Opportunity/Affirmative Action Employer
https://metrocouncil.org

**SALARY**
$18.50 Hourly

**OPENING DATE:** 01/31/20

**CLOSING DATE:** 02/29/20 11:59 PM

**LOCATION:** Transit Control Center, Minneapolis

**WHO WE ARE:**

The **Bus Technology Systems Intelligence Intern** will assist the Metro Transit Technology Systems department in the Bus Transportation division in developing analytical tools to help monitor, maintain, and evaluate in the development, implementation, and support of existing and future transit-related Intelligent Transportation Systems (ITS) and Operations Technology (OT) initiatives. **This is a full time Summer (40 hrs/week) paid internship that will begin on May 26, 2020 and go part-time during the school year.**

**What does a 2020 Internship with the Metropolitan Council entail?**
As a 2020 Intern with the Metropolitan Council you will benefit from on the job training and mentoring along with participation in team projects, social events and professional development.  Interns will receive the opportunity to build professional relationships and enhance their interpersonal skills.  Interns will also interact with their coworkers and participate in projects that directly impact business value.

**Who is the Metropolitan Council?**

**The Metropolitan Council** is made up of several operating divisions that service the Twin Cities Metropolitan area in a number of ways.

> **Metro Transit** provides bus and light rail public transportation for the greater metropolitan area
> **Metropolitan Council Environmental Services** (MCES) manages wastewater treatment plants and the regional wastewater collection system for the seven county metropolitan region
> **Community Development** is responsible for helping the Council shape its regional growth plan and Metro HRA provides affordable housing programs in the region
> **Metropolitan Transportation Services** (MTS) is responsible for the transportation planning functions as the Twin Cities metropolitan planning organization (MPO) for transportation
> **Regional Administration** provides support services (Finance, Payroll, HR, etc.) for the Council

**WHAT YOU WOULD DO IN THIS JOB**

- Assist in collecting, analyzing, and evaluating Intelligent Transportation Systems (ITS) data and utilize this data to maximize and improve system operational, technical and application performance and expanded capabilities.
- Support ongoing evaluation of Operations Technology (OT) systems to ensure they are providing utmost value for business goals and objectives, outcomes, and impacts.
- Develop, create, and automate reports, dashboards, visualization of trends, etc. using ITS and OT systems data to identify system issues and operational points of failure.

**WHAT EDUCATION AND EXPERIENCE ARE REQUIRED FOR THIS JOB (MINIMUM QUALIFICATIONS)**

## MINIMUM QUALIFICATIONS

Must be enrolled in a post-secondary education program OR Be a recent graduate (within 12 months) from a post-secondary education program
Able to work full time summer and part time during the school year

## DESIRED QUALIFICATIONS

- Knowledge of Microsoft Office products, especially Excel, Access
- Knowledge of SQL, Power BI, R, and/or other data analytics packages

## DEGREE PROGRAM/AREA OF STUDY PREFERRED

- Computer Science/Data Analytics
- Transportation Engineering, urban Planning/Policy, or Geographical Information Systems (GIS)
- Science, Technology, Engineering, Mathematics (STEM)

## ADDITIONAL INFORMATION

**To Apply:**

- Complete the application and answer the supplemental questions
- Attach a resume and unofficial transcript
- Must be a Citizen or National of the United States, a lawful, permanent resident, or have authorization to work in the United States

**Union**: Non-Rep
**FLSA:** Non-exempt
**Safety Sensitive:** No

**What steps the recruitment process involves (Application review begins after the posting closes):**

We review your application.  Education, experience, resume and answers to the supplemental questions will be reviewed for relevancy to the position.  Be sure to completely list all education, training and experience you have in your application materials.
We conduct an interview. Not all candidates will receive an invitation to interview.
We make determination on the finalist.

Once you have successfully completed the steps above, then:

**If you are new to the Metropolitan Council**, you must pass a drug test (safety sensitive positions only), and a background check which verifies education and criminal history.  A driving record check and/or physical may be conducted if applicable to the job.  If you have a criminal conviction, you do not automatically fail. The Metropolitan Council considers felony, gross misdemeanor and misdemeanor convictions on a case-by-case basis, based on whether they are related to the job and whether the candidate has demonstrated adequate rehabilitation.

**If you are already an employee of the Metropolitan Council**, you must pass a drug test (if moving from a non-safety sensitive position to a safety sensitive position) and criminal background check if the job you're applying for is safety sensitive, is a supervisory or management job, is in the Finance, Information Services, Audit, or Human Resources departments, or has access to financial records, files/databases, cash, vouchers or transit fare cards.  A driving record check and/or physical may be conducted if applicable to the position.

IMPORTANT: If you make a false statement or withhold information, you may be barred from job consideration.

The Metropolitan Council is an Equal Opportunity Employer of Minorities, Females, Protected Veterans, and Individuals with Disabilities. If you have a disability that requires accommodation during the selection process, please notify Human Resources at 612-349-7558.

### 2020 Internship - Bus Technology Systems Intelligence Supplemental Questionnaire

* 1. Applicant Instructions: The supplemental questions listed below are to further evaluate your education and experience and to determine your eligibility for this internship. Answer each question accurately and thoroughly and please do not type "see resume" otherwise your application will be considered incomplete and you will not receive further consideration for this position. The experience you indicate in your responses should also be consistent with the Work History section of this application. If you attached a resume and/or cover letter to your application, it will be reviewed at the education and experience review step. I have read and understand the above instructions regarding supplemental questions.

   ❏ Yes    ❏ No

* 2. Indicate below your availability to work (check only one):

   ❏ Full time summer and part time during the school year
   ❏ Full time summer only

* 3. Within the last 12 months (from posting date) have you been enrolled in a post-secondary education program?

   ❏ Yes
   ❏ No

* 4. List your major(s) area of study and your academic year:

* 5. How does your education and experience relate to the qualifications and duties of this internship?

* 6. How do you think this internship experience will prepare you for your career?

* 7. Describe your involvement in any job-related activities, organizations or community projects, etc.

* 8. Please describe in detail your experience analyzing data from multiple sources to visualize trends and gain insights. Elaborate on the tool(s), methods, and skills you utilized.

* 9. What are your career goals? What would you like to gain from this internship?

* Required Question