



# 2016-2017 Research Internship Program

Research, Development , and Technology Transfer Program

## **POSITION : CURBSIDE OPERATIONS DATA**

### **Description**

DDOT has started and is enhancing its data-driven decision making process for curbside management. This project will be focusing on analyzing patterns and trends of curbside utilization operations. Example work will include analyzing big data regarding parking meter usage, parking citations, car-sharing operations, among other data sets, in order to provide planners and operation manager's feedback on the utility and effectiveness of proposed and existing curbside management programs. Additionally, interns will collaborate in developing easily obtainable primary data and proxy data to determine curbside parking utilization and turnover.

### **Intern Skills:**

- Undergraduate/Graduate student with interest or specialization in transportation
- Background in urban planning or geography would fit well
- Interest in transportation data collection and management
- Working knowledge of coding, data analytics, programming, etc. (Python, C++, Java, etc.) is desirable
- Public administration and/or program evaluation interest
- Intermediate to advanced GIS skills and basic statistics required
- Strong oral and written communication skills
- Ability to display data in a clear and relevant manner
- Organized and able to work independently after receiving limited instruction
- Able to conduct full analysis and develop recommendations based off of data collected and manipulated

Stipend: \$18 - \$20/hour