



## Columbus Consolidated Government

### Description

Columbus Consolidated Government is developing a project plan to pilot the deployment of W-Fi and Internet of Things (IoT) devices to the Uptown business area. The main goal is to keep Columbus connected and safe through the distribution of Wi-Fi access points and other data collecting IoT devices in the project area. For this internship, the intern will assist with planning and pilot placement of devices in this area. Additionally, the intern will work closely with collected datasets to analyze trends and patterns. This is a rare opportunity to participate in an actual Smart Cities implementation.

### Learning Goals

Analyzing and synthesizing various datasets; project management; engaging stakeholders; implementing and troubleshooting sensor and IoT device installation

### Top Desired Skills

Applicants with some combination of the following skills desired: sensor data analysis; knowledge of GIS; knowledge of LAN/WAN concepts; innovative thinking; community engagement

### Deliverables

Documentation of all work produced e.g. sensor installation, design and development of analytical approaches, and results from stakeholder engagement

