

# Innovate Durham



## 2018 Projects:

[durhamnc.gov/3165/Innovate-Durham](http://durhamnc.gov/3165/Innovate-Durham)



**Applyable**

**Company:** Applyable  
**Department:** County Human Resources

Applyable is a job application system, which allows companies and recruiters to review applicants anonymously. This move can mitigate bias in hiring and allows underrepresented minorities to progress further in the review process, with a better chance of getting interviewed and hired. For Innovate Durham, Applyable is testing their system with Durham County on a handful of jobs and learning how to integrate with the Human Resources system.



**Company:** Community Expert Solutions  
**Department:** County Public Health

Community Expert Solutions has a software platform, Digital LinCS, that matches, connects and manages eligible people to patient assistance programs for free and reduced cost HIV medications. Digital LinCS is configured to complete patient assistance programs for HIV medication and assistance programs. Through Innovate Durham, Community Expert Solutions is working with Durham County to sign up residents for HIV prevention treatments.

**DVI**  
Deep Visual  
Insights

**Company:** Deep Visual Insights  
**Department:** City General Services

Deep Visual Insights uses carefully tested artificial intelligence software to automatically and regularly check that security cameras are working properly. With the software, developed by Duke University researchers, unhealthy cameras are quickly identified and operators are alerted of the problem. For Innovate Durham they are developing a software dashboard and working with the City's security manager to test their software on the cameras in City Hall.

  
**hoverlay**  
Find.Plus.Share

**Company:** Hoverlay  
**Department:** County Library & Engineering Services

Hoverlay is a location-based augmented reality application that can display information about development projects at the location of the project. Anyone around that location would be able to experience a highly visual, highly curated content, about the project. Through Innovate Durham they are testing the engagement of their platform at the construction site of the main Library and a new art installation at a County administration building.

  
**ROWND**

**Company:** Rownd  
**Department:** City Fleet Management

Rownd is an internet of things platform which makes every vehicle a smart vehicle. Using the OBD-II port on the dashboard they can monitor: engine performance and problems, location, acceleration and deceleration patterns, crashes and maintenance schedules. Rownd is working with the City Fleet Management to build an analytics platform to monitor vehicle and driver performance, and to test their hardware device for the first time.



**Company:** State of Place  
**Department:** City Transportation

State of Place is a predictive analytics software that quantifies walkability, sustainability and livability. State of Place is using a data-driven, holistic urban design focus to help achieve the City's Vision Zero goal of zero pedestrian fatalities. Through Innovate Durham they are working with Transportation staff to collect road safety and urban design data to recommend design changes that would make streets safer for drivers, pedestrians and bicyclists.



**Company:** TRASHR  
**Department:** City Solid Waste Management

TRASHR is an internet of things technology that seeks to make the waste management industry more efficient, while promoting sustainable initiatives. TRASHR uses sensors to measure how full a dumpster is and transmits that information to a database where analytics can be used to optimize pickup. For Innovate Durham they are testing their devices in several dumpsters throughout the City and making recommendations on pickup schedules.

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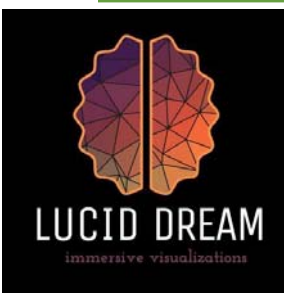
**Company:** Dropark  
**Department:** City Transportation

Dropark's goal is to reduce the time and stress it takes to find a parking spot. Their software directs motorists to real-time available parking spaces using a smart phone app and internet of things devices in parking spots. As part of Innovate Durham, they tested their sensor technology for the first time in two downtown parking lots. They were also able to integrate their payment system with the City's financial system to allow for payment processing.



**Company:** 8 Rivers Networks  
**Department:** City Technology Solutions

8 Rivers Networks is an optical wireless communications system that delivers gigabit speeds over the air where fiber is too difficult or expensive to deploy. As part of Innovate Durham, they connected City Hall and the Parks & Recreation building using their technology in an urban environment for the first time. The technology increased network capacity and service for the duration of the pilot period.



**Company:** Lucid Dream VR  
**Department:** City Community Development

Lucid Dream builds virtual and augmented reality software applications. They leverage VR/AR tech to create and deliver immersive experiences that impact audiences better than traditional web and screen-based media. As part of Innovate Durham they built a virtual reality rendering of a proposed affordable housing development project to show what it would look like. City Council members went through the experience before voting on the project.



**Company:** Talented  
**Department:** City Human Resources

Talented is a micro-learning app, creating custom learning games for trainers and authors that are engaging and result in real-life skill transfer. As a part of Innovate Durham, Talented took about 25 City employees through their cyber-security game. This training helped employees institute better habits across their professional and personal online practices. It also allowed the City to test a new platform for delivering training to employees.