

April 13, 2017 Erie Hack Semi-Finalists TechTown Detroit 5-8pm

Buffalo:

- **Orbitist:** Seeking to streamline water communication through video production, data visualization, and a flexible crowd sourcing data application.
- **Extreme Comms Lab:** Designing a connected network of submerged sensors for early detection of harmful algal blooms.
- **Water Watcher:** Working to bridge the digital divide with a SMS-based software that allows water users to receive updates from and report issues to their utilities without internet access.
- **Water X:** Creating a mobile platform that allows water users to access local water quality informations, submit requests to utilities, and view request and report trends.

Cleveland:

- **Water Warriors:** Building a gamefied application that transforms our youth into the next generation of "Water Warriors" through exploration and experimentation
- **Hydro Sense:** Seeking to create a network of floating sensors that can collect and transmit water quality data back to researchers working on forecasting models.
- fish.ai.io: Creating a mobile application that uses machine learning and face-recognition software to identify fish catches, share information about the fish, and log catch data for scientific use.
- **LPwans Sensors:** Working on a scalable sensor network designed to identify locations of non-point source nutrient loading of the watershed.
- **RippleEffect.io:** Developing an online marketplace for water innovators, makers, and enthusiasts.

Detroit:

- **Purily:** Building a tool to help residents track their water usage and incentivize them to reduce usage residents with restaurant discounts or promotions.
- **EnviroDrone:** Seeking to create a network of floating sensors that can collect and transmit water quality data back to researchers working on forecasting models.
- **Micro Buoy:** Working on aquatic sensor technology to contribute high-quality data
- **H & F Food:** Developing an online store that provides locally sourced organic meats and produce from Ontario farms, straight to your door.

Toledo:

- **Plex Net LLC:** Designing a fleet of 3-d printed aquatic drones designed to detect, remediate, and repurpose harmful algae blooms.
- **A.C.O. System:** Seeking to build a floating algae collection plant that accelerates the biofuel production process while providing a venue for the community to engage with the water.
- **Aquasci Adventure:** Creating a gamefied app that engages youth in citizen science around water quality testing.
- **Open Erie:** Working to unlock the potential of Lake Erie data by integrating disparate sources into educational tools for youth and adults.
- **Freshwater:** Building a mobile application that gives coupon rewards for engaging with water content or physically interacting with the Lake.