



Nicole Price <nicole@iotconduit.com>

TEST: Fall IoT Conduit Updates

Nicole Price <nicole@iotconduit.com>
To: nicole@iotconduit.com

Tue, Oct 27, 2020 at 11:29 AM



IoT Conduit Newsletter for Fall 2020

We participated in the NREL American-Made Solar Prize as a Connector, continued research on Lake Champlain Burlington Waterfront water quality and are building a Coronavirus Safety Station prototype for the [12-22North](#) Office space. Learn more about these projects and other updates at our hybrid Open House on November 9th and 11th.



Two Vermont Competitors Entered into NREL Solar Prize

This month, the IoT Conduit was able to mentor two local competitors in the National Renewable Energy Lab Solar Challenge. [Healthy Kingdom's](#) Prince Awhaitey, the recipient of our COVID-19 scholarship,



Progress on Coronavirus

and [iSun Solar](#) were both able to submit applications to Round 4 of the competition on October 8th for a chance to win \$50k in funding. We congratulate them and wish them luck as we wait for the results in December!

[Read more about our role as a connector](#)

Burlington Waterfront Water Quality

We've also been continuing our research on the water quality and algae blooms in Lake Champlain on the Burlington Waterfront. After collecting initial datasets about the quality and engaging the community with web application 'user stories', our next step is to effectively communicate our findings with the Burlington community using data visualizations. We have started working with a UVM CS 275 team to bring transparency to our shared lake water quality. We are constantly looking for more datasets, please contact us if you have one to share.

[Read More about our Smart Water Initiative](#)



Safety Station Prototype

The IoT Conduit has been continuing progress on our Coronavirus Safety and Check-in Station, located at 12-22 North. The automated and touch-less check-in procedures are being used daily by students at the Burlington Tech Center and other building tenants. This includes filling out a safety questionnaire and use of a contact-less temperature detection sensor. The other technologies being integrated include social distancing and occupancy monitoring, indoor air quality detection, and cleaning updates. The station was built to communicate the current safety risk of the building to tenants in order to reopen faster and safer than before.

[Read More about the technology.](#)

Hybrid Open House in Mid-November

To celebrate these milestones and to learn about our recent work, join the IoT Conduit for a hybrid open house next month! There will be two sessions on two separate days, the first event being held on November 9th at 5PM and then 6PM and another on November 11th at 10AM and 11AM (ET). Due to COVID-19 restrictions, we can only host 6 guests at a time, on a first come first serve basis. RSVP if you'd like to attend, in person or via Zoom, for a first-hand experience and Q&A of IoT projects.

[RSVP here](#)