

KABOOM!

Sensors

By me

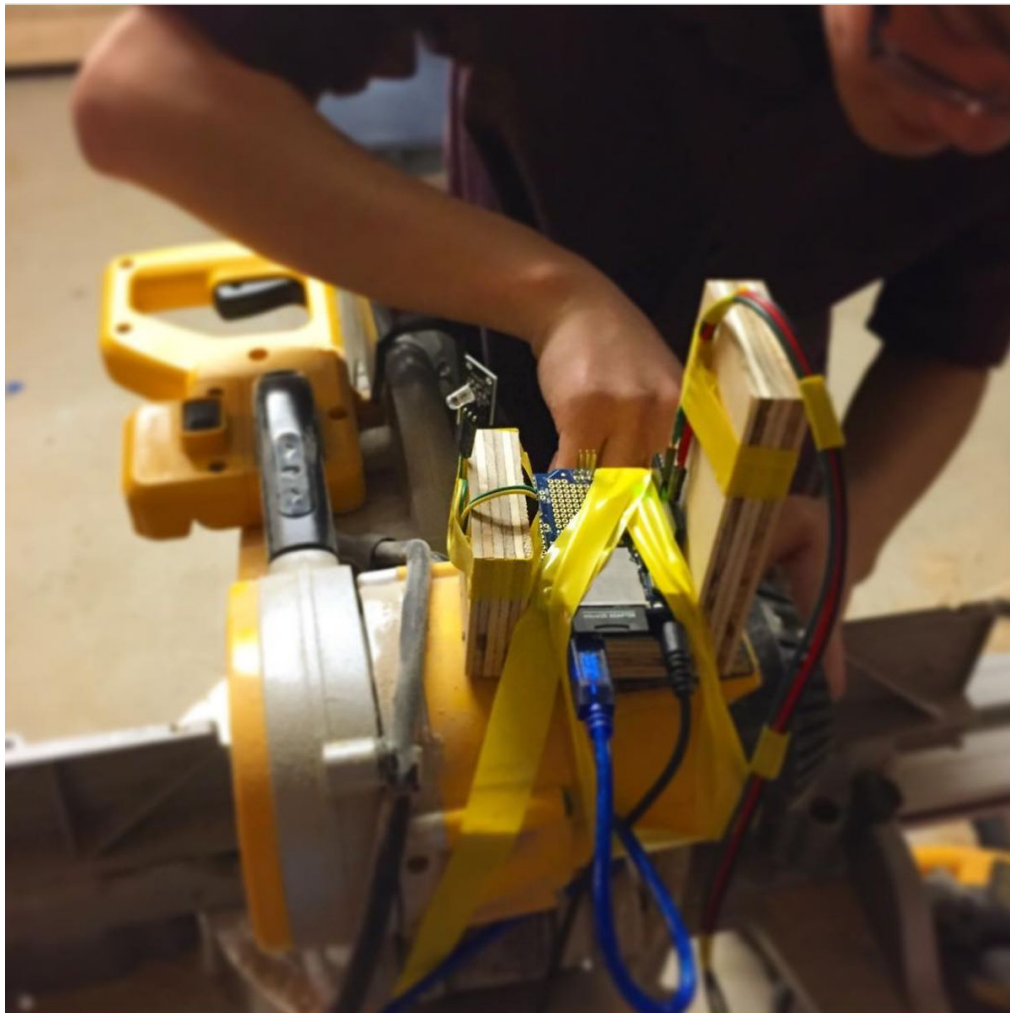


Inquiry



Research





publicworkshop
Public Workshop

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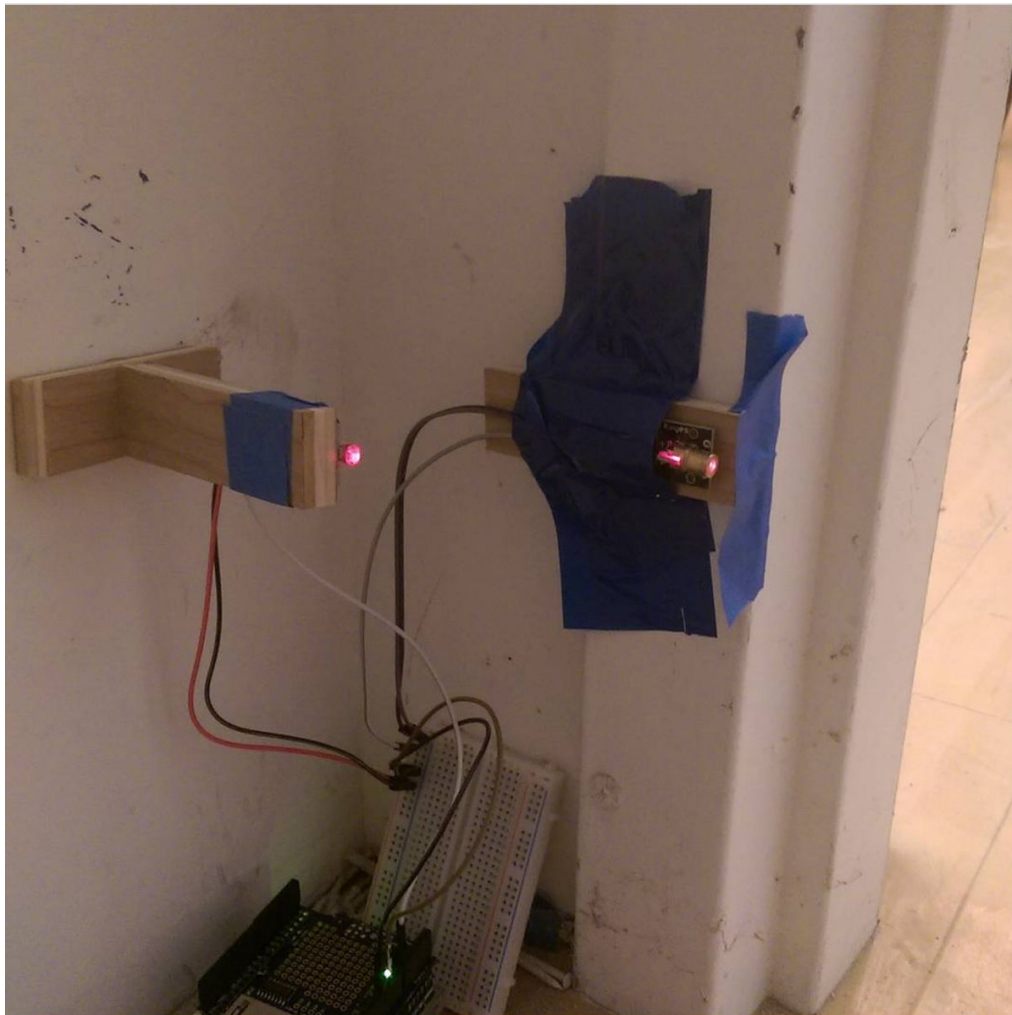
11w

publicworkshop Bet you don't have a [#sensor](#) on your [@dewalttough](#) [#chopsaw](#) that counts cuts + how often it's used in your [#makerspace](#). Today, [#sla](#) high school seniors-- Brodie and Zhi-- working with [@cpilla17](#) and Gabe Ladd started creating and setting up sensors throughout [#4017lancaster](#) to measure all sorts of things. This is all practice for the [#publicspace](#), [#reccenter](#) and [#playground](#) use [#sensors](#) that we are developing and will be first deployed this spring along [@lancavephilly](#) to measure how people play on Urban Thinkscape's project and use [@tinywpa](#)'s playable [#benches](#) and [#bikeracks](#). Their work on this is also part of Brodie and Zhi's senior capstone projects at the Science Leadership Academy. Bet you didn't do stuff like this when you were in high school. Nice job guys. Keep up the great work. Just



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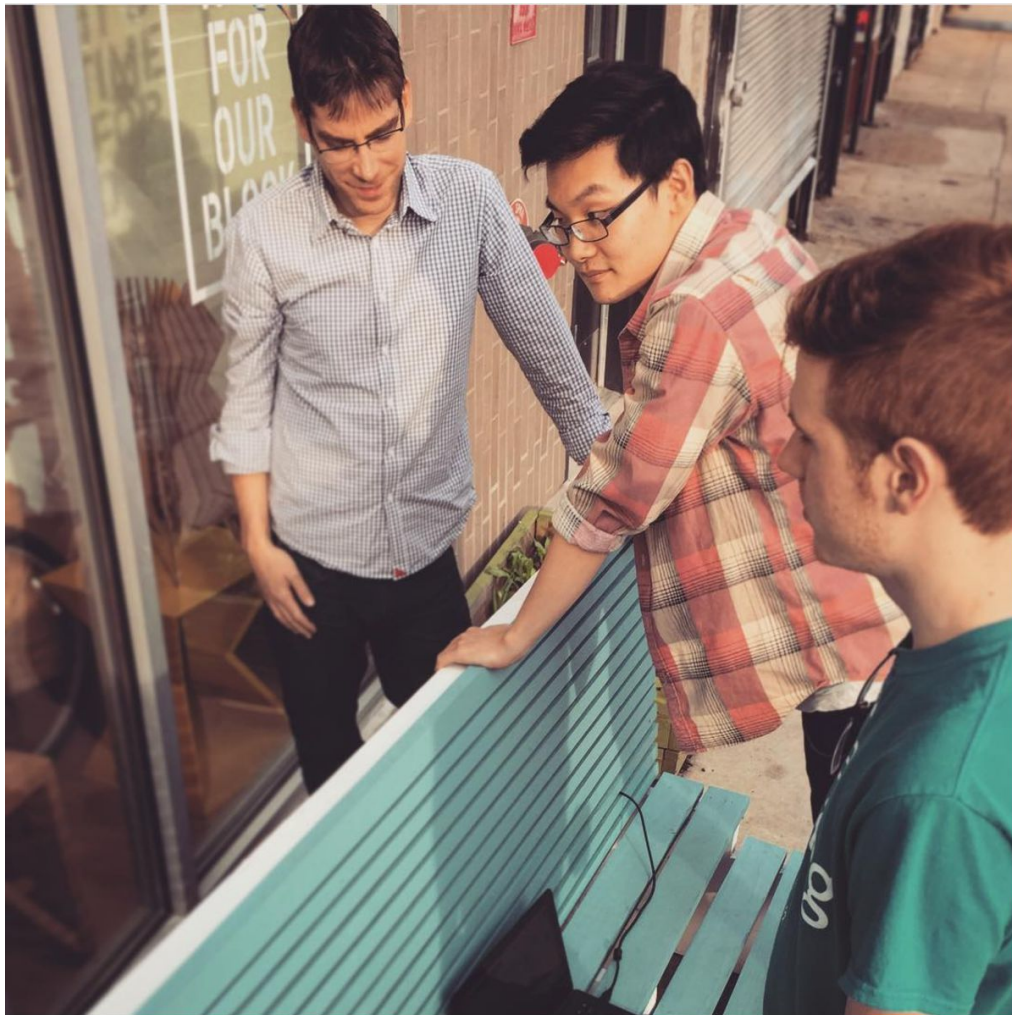
12w

beabuildinghero Our jankball door sensor is now fully operational. This will tell us how many people walk up and down the steps over the course of the week.
~brodie



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Oeste de Filadelfia

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5w

beabuildinghero Our [#bench](#) is now self aware!
After making sure the photoresistors are storm ready, we installed them along with a [#arduino](#) a box that's built into the bench. Now the bench 'knows' when someone sits/gets up. -Zhi [#playeverywhere](#)

tarrantrj Does it sense when someone farts?

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Collaboration



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16w

beabuildinghero Starting to get the ball rolling on the #playsensors project at #4017lancaster. Should start making progress soon. ~brodie

blhassingr Love it!!!

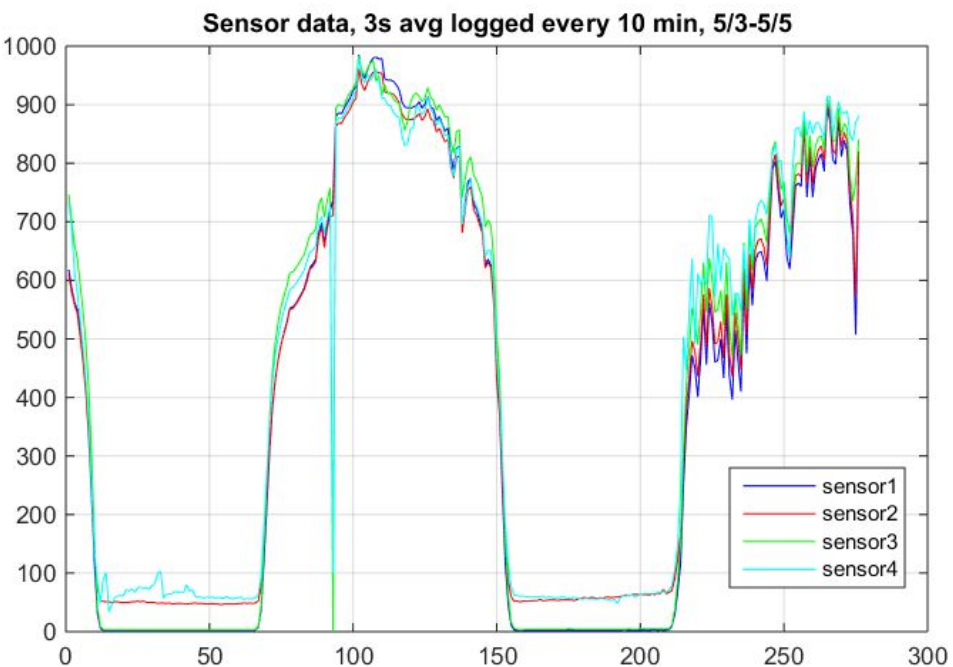
zengirl2 Cool for you!

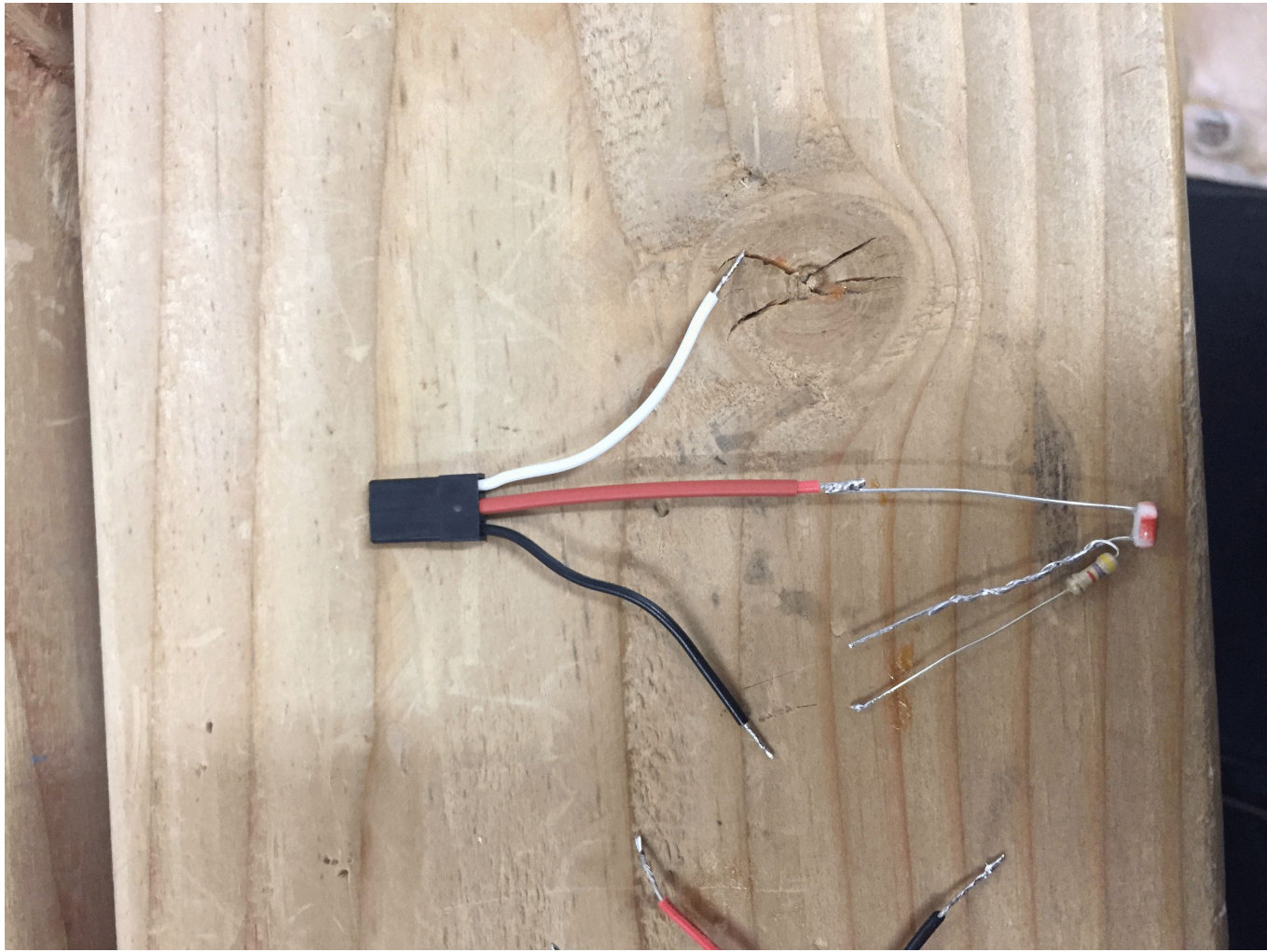
publicworkshop #playeverywhere

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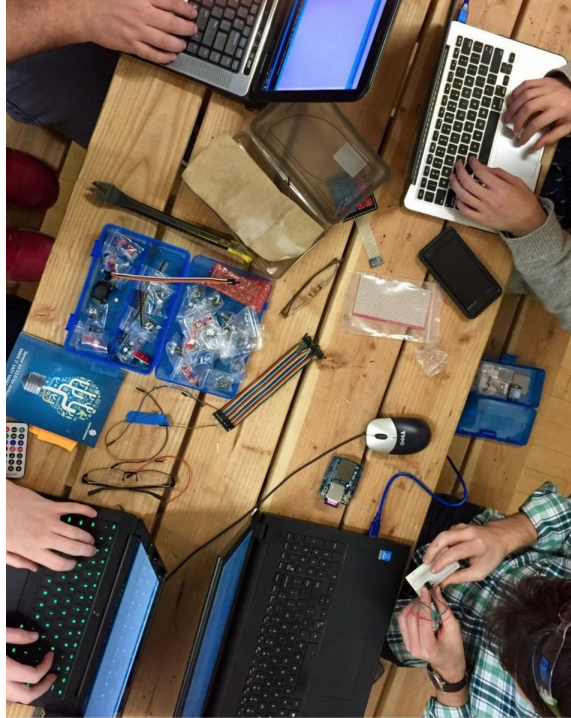


Presentation





Reflection



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13w

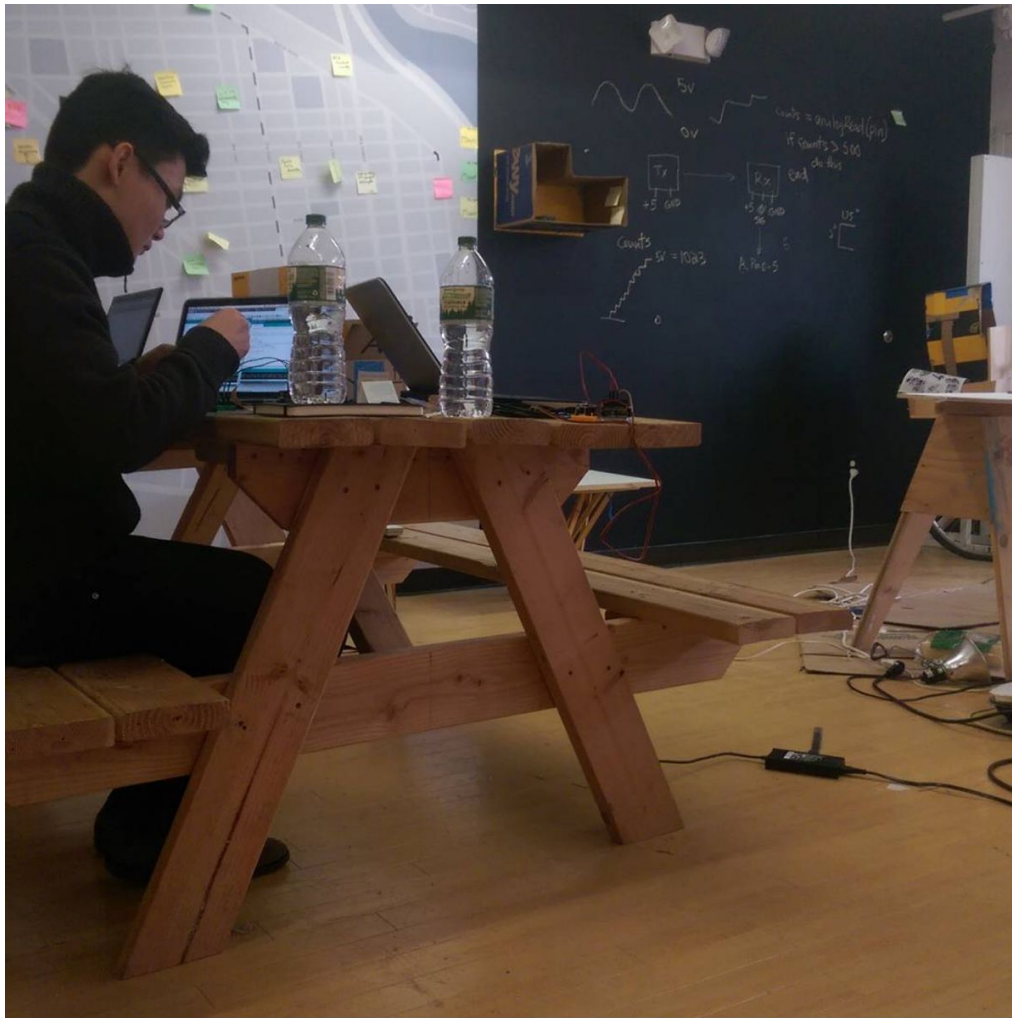
beabuildinghero Coding the #arduino #playsensors so we can test them out at #4017lancaster. #playeverywhere

jung.climbing Kudos, We dig your stuff. 🍷 I could be wrong but you might like our organic pants.



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14w

beabuildinghero Started really messing around with the [#arduino](#) stuff for the [#playeverwhere](#) project. We are making progress with figuring out how to track use of the [#playground](#) equipment.

imdwdw Great 🙏



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7w

beabuildinghero Getting down to the wire here it the #playeverwhere #sensors. We still have a good way to go, but I have confidence that we will make it. ~Brodie



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Fin.