

## Joseph Yang

### Index

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Keyword	Definition	Purpose	Link	Reference	Explanation
IR	infrared sensor	Used to detect radiation	<a href="https://www.amazon.com/gp/product/B07W97H2WS/ref=ppx_yo_dt_b_asin_title_o00_s00?ie=UTF8&amp;psc=1">https://www.amazon.com/gp/product/B07W97H2WS/ref=ppx_yo_dt_b_asin_title_o00_s00?ie=UTF8&amp;psc=1</a>	<a href="https://5.imimg.com/data5/YT/KV/MY-1833510/arduino-ir-infrared-obstacle-avoidance-sensor-module.pdf">https://5.imimg.com/data5/YT/KV/MY-1833510/arduino-ir-infrared-obstacle-avoidance-sensor-module.pdf</a>	This can be used to replace a button every time the IR senses something
Buzzer	It's an audio signaling device	To make noise	<a href="https://www.amazon.com/ARCELI-3-3-5V-Passive-Trigger-Arduino/dp/B07MPYWVGD/ref=sr_1_6?dchild=1&amp;keywords=buzzer+arduino&amp;qid=1598037910&amp;sr=8-6&amp;pldnSite=1">https://www.amazon.com/ARCELI-3-3-5V-Passive-Trigger-Arduino/dp/B07MPYWVGD/ref=sr_1_6?dchild=1&amp;keywords=buzzer+arduino&amp;qid=1598037910&amp;sr=8-6&amp;pldnSite=1</a>	<a href="https://images-eu.ssl-images-amazon.com/images/I/C1lrplfADaS.pdf">https://images-eu.ssl-images-amazon.com/images/I/C1lrplfADaS.pdf</a>  page25	every time there is a user input, the buzzer can make a noise acting like a morse code machine
LCD	Liquid Crystal Display	Show user text	<a href="https://www.amazon.com/Serial-Module-Display-Arduino/dp/B019K5X53O/ref=sxin_13_p_search_the_matic_ssapa?cv_ct_cx=LCD+1602&amp;dchild=1&amp;keywords=LCD+1602&amp;pd_rd_i=B01">https://www.amazon.com/Serial-Module-Display-Arduino/dp/B019K5X53O/ref=sxin_13_p_search_the_matic_ssapa?cv_ct_cx=LCD+1602&amp;dchild=1&amp;keywords=LCD+1602&amp;pd_rd_i=B01</a>	<a href="https://learn-ues-east-1-prod-fleet02-xythos.content.blackboardcdn.com/5e00ea752296c/10911507?X-Blackboard-Expiration=1671181200000&amp;X-Blackboard-Signature=%2F1qPL%2FJCtozpNnxd3ofjX">https://learn-ues-east-1-prod-fleet02-xythos.content.blackboardcdn.com/5e00ea752296c/10911507?X-Blackboard-Expiration=1671181200000&amp;X-Blackboard-Signature=%2F1qPL%2FJCtozpNnxd3ofjX</a>	This can be used to show the user the messages and the user input



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