

Have you ever wondered how Facebook suggests the names of friends in photos or how apps recognize the sounds of birds or ID plants? STEM Academy 2021 will be looking at just those questions as we dive into the world of neural networks and machine learning (tinyML). Students will be working with an Arduino Tiny Machine Learning Kit and Edge Impulse to train the device to recognize images and sounds.

# Youth entering 6th to 8th grades

Registration fee \$25. Fee waivers available.

## Supply kits provided.

pick-up will be at U of I Extension office, Peoria

## Apply online at go.illinois.edu/STEMacademy

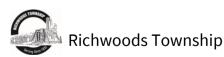
Application deadline May 17

### More information, contact:

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#### COLLEGE OF AGRICULTURAL, CONSUMER & ENVIRONMENTAL SCIENCES

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