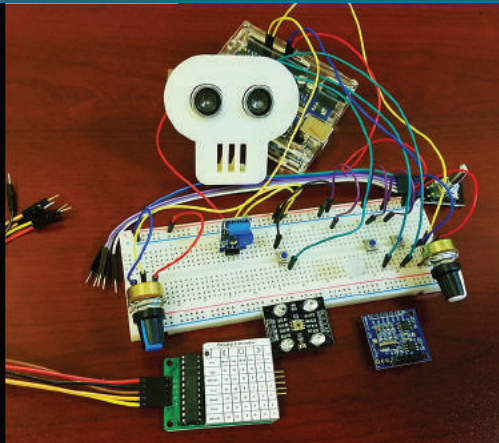
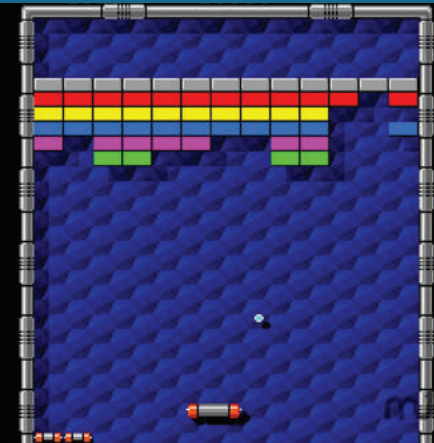


CODING WITH ARDUINO BOOTCAMP

GAME PROGRAMMING

Wednesdays, March 27 - May 15, 2019



Girls and Boys ages 12-17

Cost: \$225

Wednesday Evenings

5:30 - 7:30 p.m.

IRSC

Brown Center
for Innovation
and Entrepreneurship
Y-208

To Register &
For More Information,
call 772.462.7179
or
email info@laser-tec.org

Indian River State College
3209 Virginia Avenue
Fort Pierce, FL 34981
www.laser-tec.org

Explore: Journey into a world where C++ and Java collide. Develop electronic circuits to control software. Turn retro games into real life functioning models.

Draft, Design, & Build: Use the Arduino as a synthesizer to replicate the theme songs from retro games. Create a clock that displays the lunar cycle, time of day, day of week, week of month, and month of year. Develop an electronic circuit that senses color and can reproduce that same color. Code Pong in Java. Develop a virtual Etch-A-Sketch using your Arduino as your controller & your computer as the display. Create a rotating SONAR device that resembles technology used on submarines. Develop a game similar to Arkanoid, using C++ & Java.

Value: Take home a customized complimentary kit valued at \$100.

You will be guided by educators who are well-versed in electronics, programming, and inquiry-based learning.

