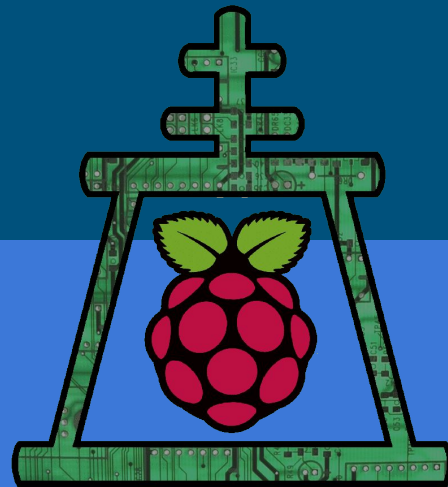# Riverside Raspberry Pi

02/10/20 meeting

RivRPi intro

- **Who we are:**
  This is a group dedicated to the RaspberryPi, Arduino, ESP8266/32 or anything IoT. Users of all levels are welcome to learn and demonstrate their projects.

- Don't feel the need to stay the whole time
- Feedback
- Slide deck availability
- Introductions

RivRPi Sponsors

Thanks to Excite for hosting our meetings!

Excite (https://exciteriverside.org/) is a unique tech business acceleration program created in collaboration between business leaders, the City and County of Riverside, and the University of California Riverside.

They offer 24/7 coworking and startup incubation.
-contact Jennifer Yturralde at jennifer.yturralde@ucr.edu or (951) 827-7947 for more information

Raspberry Pi resources:

Riverside Raspberry Pi group:
MeetUp: https://www.meetup.com/Riverside-Raspberry
Gitter: https://gitter.im/RiversideRaspberry/Lobby

AdaFruit 10% discount: 'riversidepi': https://www.adafruit.com

Raspberry Pi Foundation: https://www.raspberrypi.org/homepage-9df4b/

Orange County: EarthMake - OC Arduino + Raspberry Pi Electronics Makers: https://www.meetup.com/EarthMake/

Claremont: Electronics for Everyone: https://www.meetup.com/Electronics-For-Everyone/

Pasadena: Makerden: IoT, Programming & Electronics for Makers
https://www.meetup.com/IoT-Programming-Electronics-Makers/

Other groups:

Other groups that meet at Excite:
Inland Empire Python User Group: https://www.meetup.com/iepython/
IE Wordpress: https://www.meetup.com/inlandempirewp/
Inland Empire Software Development (IESD): https://www.meetup.com/iesd-meetup/

Other Tech MeetUps in the IE:
AI - Riverside County: https://www.meetup.com/ai-rivco/
Redlands: Inland Empire Tech Happy Hour: https://www.meetup.com/ietechies/events/
Redlands Ruby User Group: https://www.meetup.com/Redlands-Ruby-User-Group/

Robotics:
Riverside Robotics society https://www.meetup.com/The-Riverside-Robotics-Society/
Long Beach robot club https://www.meetup.com/LARoboticsClub/
The Techroom Robotics Club, San Bernardino: https://www.meetup.com/The-Techroom-Robotics-Club-in-San-Bernardino/

Publication:

MagPi magazine

https://www.raspberrypi.org/magpi/issues/90/

Cover story:
Build the Ultimate Magic Mirror

-Overclock Raspberry Pi 4
-Cooling cases tested
-WeatherMan
-Tri-Lasers for Felines
-3D-print your own keyring

(future meetings: volunteer member review)

(all issues available here: https://www.raspberrypi.org/magpi-issues/)

Publication:

HackSpace magazine:

https://hackspace.raspberrypi.org/issues/27/

Cover story:
-What 3D Printer? (pg 34)

(future meetings: volunteer member review)
(all issues available here: https://hackspace.raspberrypi.org/issues)

MAKE | **BUILD** | HACK | **CREATE**   132 PAGES OF MAKING

HackSpace
TECHNOLOGY IN YOUR HANDS   hsmag.cc | February 2020 | Issue #27

BEST
RASPBERRY PI
PROJECTS

+ ARC GENERATOR
+ NUTS AND BOLTS
+ ULTIMATE PONG
+ MITRE SAWS
+ ARDUINO POWER

25 WAYS OF USING THIS TINY COMPUTER

DESIGNER JACKET
Personalise your clothes for a perfect fit

TALKING TOOLS
Adding speech output for callipers

MITCH ALTMAN
The Gandalf of makerspaces shares his wisdom

PYTHON SPARKS **POLYSTYRENE** NUTS & BOLTS

Upcoming Events:

SCaLE 18X – the 18th annual Southern California Linux Expo

March 5-8/2020

Pasadena Convention Center, Pasadena CA

http://www.socallinuxexpo.org

50% discount code for SCALE pass: "SKY"

Arcade Expo 6.0

March 20-22/2020

Museum of Pinball, Banning CA

http://www.arcadeexpo.com/

Event recap:

MVUSD STEAM Unity Expo

- last Saturday at Vista del Lago High School
- Riverside Raspberry Pi had booth

Slide Deck:
https://github.com/RiversideRaspberry/
MeetingSlides/blob/master/2020/20200210/
RivRPi_20200208_MVUSD_STEAM_Unity_expo_slideDeck.pdf

Meeting notes:

Riverside Robotics society https://www.meetup.com/The-Riverside-Robotics-Society/
Long Beach robot club https://www.meetup.com/LARoboticsClub/
The Techroom Robotics Club, San Bernardino:
https://www.meetup.com/The-Techroom-Robotics-Club-in-San-Bernardino

50% discount code for SCALE pass: "SKY"

Servo controlled Etch-A-Sketch: http://sunnybala.com/2018/09/10/python-etch-a-sketch.html/

Sunnymead elementary ozobot mini line following robots: https://ozobot.com/

Fake-rPi (https://pypi.org/project/fake-rpi/): allows you to run GPIO program on a PC with out crashing

Riverside Raspberry Pi

End