

Riverside Raspberry Pi

08/12/19 meeting

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Thanks to Excite for hosting our meetings!

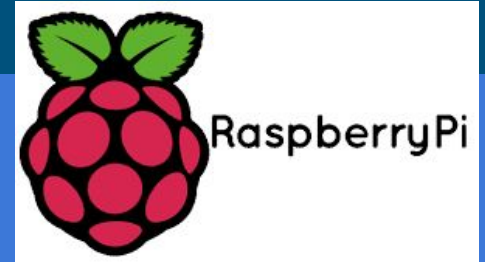
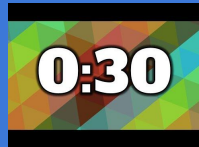
Excite (<https://exciteriverside.org/>) is a unique tech business acceleration program created in collaboration between business leaders, the City and County of Riverside, and the University of California Riverside.

They offer 24/7 coworking and startup incubation.

-contact Jennifer Yturralde at jennifer.yturralde@ucr.edu or (951) 827-7947 for more information

RivRPi intro

- Who we are
- Don't feel you need to stay the whole time
- Additional snacks provided by member Jer
- New members
- Slide deck availability
- Introductions



Publication:

MagPi magazine

<https://www.raspberrypi.org/magpi/issues/84/>

Cover story: Raspberry Pi 4 start guide

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



Publication:

HackSpace magazine:

<https://hackspace.raspberrypi.org/issues/21/>

Cover story: Raspberry Pi 4 Maker's guide

(all issues available here: <https://hackspace.raspberrypi.org/issues>)



Raspberry Pi resources:

Riverside Raspberry Pi group:

MeetUp: <https://www.meetup.com/Riverside-Raspberry>

Gitter: <https://gitter.im/RiversideRaspberry/Lobby>

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

~~Temecula: Hardware Innovators of Murrieta and Temecula:~~

~~<https://www.meetup.com/Hardware-Innovators-of-Murrieta-and-Temecula/>~~ (last meeting 03/2019)

Orange County: EarthMake - OC Arduino + Raspberry Pi Electronics Makers:

<https://www.meetup.com/EarthMake/>

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/>

StartupIE: <https://www.meetup.com/startupie/> (last meeting 08/2019)

Artificial Intelligence: Kick Ass Discussion in Action: <https://www.meetup.com/ArtificialIntelligencekickass/>

Inland Empire Software Development (IESD): <https://www.meetup.com/iesd-meetup/>

Other Tech MeetUps in the IE:

Redlands: Inland Empire Tech Happy Hour: <https://www.meetup.com/ietechies/events/>

Redlands Ruby User Group: <https://www.meetup.com/Redlands-Ruby-User-Group/>

Other SoCal groups:

Anaheim: SoCal IT Professional Association: <https://www.meetup.com/SoCalITPros/>

Presentation:

Member John Sheehan is demonstrating several of his past, present, and future projects

- BrickPi robots for Bourns STEM/
- PCB design & manufacturing
- making your own I2C devices

Presentation I (cont):

Here is a link to John's presentation slide deck:

https://github.com/RiversideRaspberry/MeetingSlides/blob/master/2019/20190812/JohnSheehan_BrickPi2019.pdf

Some additional links related to John's presentation::

Circuit board manufacturer he used - JLCPCB: <https://jlcpcb.com>

The \$10 robot kit: <https://www.amazon.com/gp/product/B07F7138F3>

YouTube Soldering Channel - Androkavo: <https://www.youtube.com/channel/UCKDfmGeSKmwP6SdGDHhu6hg/videos>

Meeting notes I:

Basic on the Pi: TinyBASIC for Raspberry Pi:

<https://www.raspberrypi.org/blog/tinybasic-for-raspberry-pi/>

and: Top 10 Programming Languages Ported to the Raspberry Pi:

<https://www.dummies.com/computers/raspberry-pi/top-10-programming-languages-ported-to-the-raspberry-pi/>

4/8 bit computer out of transistors: Building a 4-Bit Computer from the Ground Up:

<https://www.eeweb.com/profile/max-maxfield/articles/building-a-4-bit-computer-from-the-ground-up>

Member Randy:

- demoed his one-way network device that he created that allows status updates to go out but, because of the hardware design, there is no way for the outside to hack in
- also showed his Pine64 device running Ubuntu(?)

Scratch on the Arduino: S4A: <http://s4a.cat/>



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End

