



# Xilinx Hackathon 2017

October 6-7, 2017 | Longmont, Colorado

## What is PYNQ?

PYNQ is an open-source project from Xilinx® that makes it easy to design embedded systems with Zynq® All Programmable SoCs. Using the Python language and libraries, designers can exploit the benefits of programmable logic and microprocessors in Zynq to build more capable and exciting embedded systems.

For more information, go to <http://www.pynq.io/>

## What is a hackathon?

A hackathon is an event where motivated people come together and to use technology and creativity to build something amazing.

## Who can attend?

Anyone can apply to attend our hackathon, but participation is restricted to those who have received explicit invitations from us.

Contact us for more information: [xco-hackathon@xilinx.com](mailto:xco-hackathon@xilinx.com)

## What's in it for me?

In addition to the satisfaction of working with your peers to build something totally awesome, each attendee will take home their very own PYNQ-Z1 platform. We will also be offering more than \$2,000 in cash prizes to various teams at the end of the hackathon event.

## What does Xilinx provide?

- PYNQ boards (participants can take them home after the event)
- Various Arduino shields & Grove sensors
- PYNQ experts

## What do I bring?

A laptop, laptop charger, phone, charger(s), headphones, a pillow, toiletries, an extra set of clothes, and a water bottle.

## How much does it cost?

This hackathon is absolutely free to attend. We will be providing meals, snacks, and refreshments!

## Will you offer travel reimbursement?

This event is intended for participation by local front-range attendees, so no travel reimbursement is being offered.

## Do I have to be a programmer or have experience with Xilinx technology?

It's not a requirement for you to be a programmer, but at least one person on your team should have experience with the Python programming language. It's also helpful for someone on your team to have experience with Arduino or Raspberry Pi. Xilinx FPGA experience is not required, but it can be helpful if you want to extend the programmable logic capabilities of the PYNQ platform.

## Do I need a team? How large can my team be?

Don't have a team? We got you covered. We will have time before hacking begins for hackers to get together and form teams. You can have a maximum of 4 members on your team.

## Will there be food?

Yes! We will provide three meals a day as well as snacks, drinks, and caffeine.

## Can I reuse a previous project?

You can NOT use anything that you have started prior to the event. You can think of ideas for your project, but you need to start from scratch when you arrive.

## Have another question?

Feel free to contact us via email at: [xco-hackathon@xilinx.com](mailto:xco-hackathon@xilinx.com)