

at Maker Faire Detroit 2015

Michigan is home for BeagleBoard.org Foundation leadership and is targeted for community outreach

Monthly meetings are held at i3Detroit (http://bit.ly/beaglemeetup) and co-founder Jason Kridner speaks at local educational forums (high schools, colleges, libraries). Contact Christine Long to schedule a speaking engagement or for support of a school or charity at christi@beagleboard.org.

Get started with videos at http://bit.ly/beaglestart or books at http://bit.ly/bbb-books. Chat live with developers at http://bit.ly/beaglechat or dig deeper at http://bit.ly/beagleforum. Stay up-to-date at http://bit.ly/beaglenews or discover projects at http://bit.ly/beagleproject.

Saturday	Event	Location
Noon	Hands-on session: beginning with BeagleBone Black Experiment with electronics using the simple browser-based interface. Explore the built-in tutorials and see how easy it can be to get started using Linux.	BeagleBoard.org booth
2:00 PM	Hands-on session: advanced BeagleBone Black programming Learn about integrating BeagleBone Black. This session will be time to ask Jason Kridner questions concerning your current projects.	BeagleBoard.org booth
3:15 PM	Building 3D printers with Machinekit and BeagleBone Black Still using a computer or walking over an SD card to feed GCode build instructions to your 3D printer? Local 3D previews? Remote network status? Complex geometry? With BeagleBone Black running Machinekit, computer and fast controller are all-in-one.	Make: Live Stage (Drive-In Theater, Henry Ford Museum)
4:00 PM	Give-away drawing: Must be present to win BeagleBone Black and capes for 3D printing, education and power control will be given away to individuals who sign up and show up.	BeagleBoard.org booth
Sunday	Event	Location
10:30 AM	Linux and Web Servers for Teaching Electronics Learn how to create interactive electronics labs and tutorials over web pages using HTML and JavaScript.	Make: Live Stage (Drive-In Theater, Henry Ford Museum)
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Some exhibitors using BeagleBone Black

Low-power hacking devices by Bloomsburg University of Penn

Perform authorized hacking with an army of devices connected via ZigBee mesh networks. Each of these small computers can be used as a dropbox, remote hacking drone, or command console. They are easily embedded in innocent looking devices or attached to RC aircraft of various types.

DIV Dinhal

Developers of an open-source system for building and refurbishing pinball machines.

Smart Robot Head by Alek, a i3 Detroit member and 13 year old maker

Animated robotic head that uses a video camera embedded in its eye to track and follow objects.

TARA by ThunderOps Makers

ThunderOps Advanced Remote Avatar: TARA is a robotics platform based on a recycled electric wheelchair.

Hardware computer vision

Computer vision demo using a Microsoft Kinect with a BeagleBone Black and the LOGI-Bone FPGA cape.