



MakerGrounds Newsletter – February 2020

Is this email list still a thing?

Yes! It still works. Members of this email list should feel free to use it for communication to other makers at UVA and the community.

On behalf of the MakerGround community, we would like to introduce our first monthly newsletter of the new year. The newsletter will serve as an effort to get the word out about the various events around Grounds, and highlight some of the great making going on.

If you know of someone who would like to get this newsletter, have them sign up by sending an email to sympa@virginia.edu with subject line subscribe makergrounds Your Name.

Upcoming Event

Mark your calendars now. On Wednesday, April 15, 2020, from 11am until 1:30pm is the first annual Spring Maker Showcase. Hosted by the Scholars' Lab Makerspace in Alderman Library, this event will give students and other makers at UVA the

opportunity to showcase their projects, network with other makers on Grounds, and learn about all of the places and tools available for making on Grounds. The theme for this inaugural event will be "Made on Grounds".

Register to present your project here! <https://forms.gle/SNfo3yZrNwyGSChNA>

Refreshments will be provided!

Contact Ammon Shepherd with any questions, ammon@virginia.edu.

FabLab in A-School



The FabLab at the School of Architecture is thrilled to open up our new space to our FabLab Friends from around Grounds. We have some intro classes on Friday afternoons to start off the month of February! [Sign up is here on Bookwhen](#). We will have more short courses come March in 3D printing, sewing and CNC embroidering, CNC routing, and many other exciting topics!

If you cannot make that time or have another interest other than use of the woodshop or the lasers, please email us at fablab@virginia.edu and we will chat!

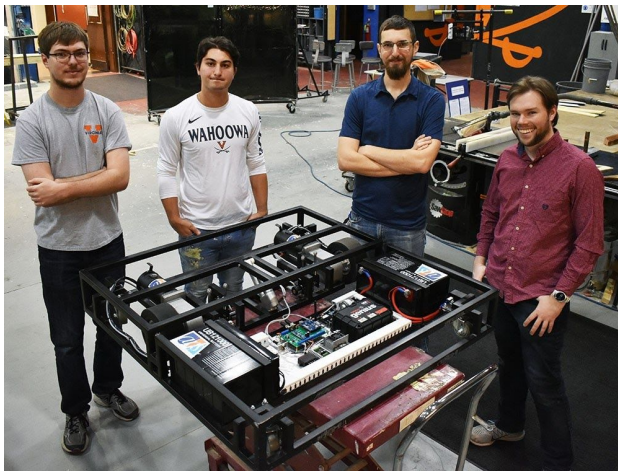
RMC in Clemons Library



LIBRARY

Check out our RMC website (<https://www.library.virginia.edu/rmc/>) for more information about upcoming 3D printing training and events.

Department of Drama and Scene Shop



We are looking for students who would be interested in joining our "robot team". Moving scenery around on stage out of sight of the audience is not as simple as it sounds on the surface. We are developing a robotic platform that is capable of moving up to 1,000lbs of scenery around the stage. The robot is based on the Raspberry Pi 4 and communicates with a server over a closed network. This project is in its second year of heavy development and

we are looking for individuals to join the team and continue the work with us. There are multiple languages being used so familiarity with Python, C++, or JS are a plus. If you are interested in joining the team please email Chris Rybitski at cmr4gr@virginia.edu.

SCHOLARS' LAB

Scholars' Lab Makerspace in Alderman Library

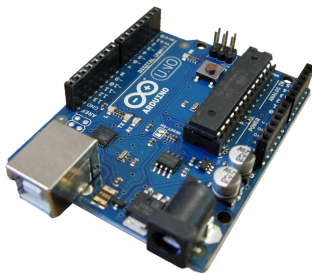
- Thursday, February 13, 2020, 12:00PM-9:00PM,



[Valentines Day](#) Make Event. Come make a Valentines gift for your special someone. Projects include LED light up cards, candy heart buttons, 3D printed heart bookmark, and Valentine's treats. Drop in anytime between 1pm and 9pm!

<https://scholarslab.lib.virginia.edu/events/valentines-2020-make-event>

- Wednesday, February 19, 2020, 11:30AM-1:00PM

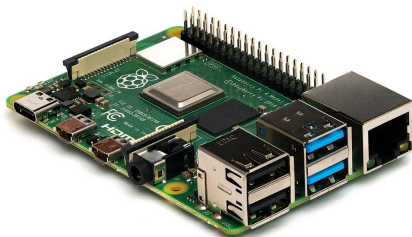


[Arduino Workshop](#) Come learn about the Arduino micro-controller for fun or profit. No experience or equipment needed. Arduino kits and laptops provided to use in class, but you are welcome to bring your own. This workshop will go through the very basics of electricity, how to setup the Arduino, and building a first circuit; an LED nightlight. You can then spend the rest of the time working through the exercises at your own pace.

<https://scholarslab.lib.virginia.edu/events/workshop-2020-02-19-arduino-basics>

- Register here: <https://cal.lib.virginia.edu/event/6405685>

- Wednesday, March 4, 2020, 11:30AM-1:00PM



[Raspberry Pi Electronics](#) In this workshop we'll learn the basics of electricity using a Raspberry Pi to control electronic circuits. No experience with electronics or Raspberry Pi required for this

workshop. Due to limitations of hardware, this workshop only has four open spots.

<https://scholarslab.lib.virginia.edu/events/workshop-2020-03-04-basic-electronics-with-raspberry-pi>

- Reserve your seat at <https://cal.lib.virginia.edu/event/6405735>
- [All events in the Scholars' Lab!](https://scholarslab.lib.virginia.edu/events/) <https://scholarslab.lib.virginia.edu/events/>