



August 2018



A Summer of Collaboration

MakerSpace Students

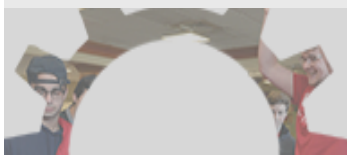
One of our other partners at the MakerSpace was Kinima Fit, a stand-alone personal fitness trainer, which detects 30 body joints to give feedback on form, as well as other things. Students had the opportunity to work with the CEO Renee, to develop some valuable video editing experience with use of the green screen, designing the interface, and computer engineering. "It was a good experience to be able to work with true computer engineers and to witness how they deal with problems, as well as how a CEO has to handle having so many employees," said Nathaniel Barone, one of the students who was offered the opportunity. His peer, Henry Sinclair was also an enthusiastic intern, "We got a feel as to what a real work place environment is like, while being in the MakerSpace."



Starting in July, the Engineering program began collaboration with a Sacred Heart University alum, Julien DeBelle, the CEO of Fingaz Bowl, a patent pending product made just for the drinking game Fingers. "Working with SHU Engineering has been professionally rewarding being that myself and one of the co-founders of the Fingaz Bowl are graduates of the Jack Welch college of business. The new west campus is remarkable and the open arms environment of the SHU MakerSpace/Engineering program have been excellent. Our product is close to launch, and it's been great having the students help with our final prototypes and designs. I highly encourage any other students that have business ideas and want to bring it to proof of concept to reach out to professor Tolga Kaya." One particular student frequenting the MakerSpace, Henry Sinclair aided in using Fingaz Bowl's computer-aided designs to create prototypes. "It would not be possible without the facility's 3D Printers...they have come in handy for over half of our projects."

The MakerSpace was also a place to collaborate with high school students involved in STEM subjects. The Connecticut STEM Fair showcases research projects which then get judged, so students have the opportunity to move onto bigger competitions. The most recent collaboration at the MakerSpace is with one particular high school sophomore student who is passionate about researching Osmotic Power. In simple terms, energy can be created between saltwater and river water. Professor Tolga Kaya and Angelica Galati met with the student to create an idea to represent Osmotic Power creatively, and to form a clear proof-of-concept. The end goal would be to power up a turbine with the pressure created.

Another one of our newer collaborations was with a partner, Eric, who is looking to create a product meant to protect your spine while working out. We are working with Eric to plan, design, and 3D Print prototypes necessary to develop ideas into the real product.



Twenty-Two

A Calendar of Events

August 28, Tuesday

Make, Code, and Hack

4-6pm | University Commons

Come and Play! Welcome week event with drones, button making, and more...

September 7, Friday

Drones and Robots with Senior Citizens

1.30-3pm | Westport Senior Center

Senior Center visitors will experience flying drones and robot demos.

September 11, Tuesday

How Secure is your password?

12-1pm | Makerspace

Do you want to test how secure your password is? Join us during your lunch hour. Lunch provided!

September 20, Thursday

Let's make chocolate!

6-7pm | Makerspace

Let's make chocolate covered nuts, fruits, and more. Pack some for your loved ones! Chocolate provided! Public welcome!

September 27, Thursday

Raspberry Pi Gaming!

6-8pm | Makerspace

Come learn how you can turn a \$30 microcontroller into a gaming console and play retro games! Public welcome! Light dinner provided!

October 6, Saturday

Homecoming Makerfaire

11-1pm | University Commons

Come experience our debut of the giant Rube Goldberg machine. Learn how to fly drones, and more. Public welcome!

October 11, Thursday

Manhole T-shirt Screen printing

3.30-5pm | 63's quad outside

Bring a t-shirt and screen print a campus manhole on it!

October 19, Friday

Connecticut Technology Council

Engineering Challenge Preliminary Round and Career Fair

1-4pm | Makerspace

Our very own engineers will compete on a CTC challenge preliminary round in front of local companies. 2 teams will advance to the State-side challenge.

October 25, Thursday

Arcade Games Field Trip

6-8pm | Ogrinz House in Easton

Join us to play arcade games and pinball machines for free! Gather at the makerspace for the shuttle. Snacks provided.

October 30, Tuesday

ScaleUP CT

1-5pm | Makerspace

Come join us for the discussion on how to grow Connecticut technology small businesses.

October 30, Tuesday

Halloween Costume Making Party

6-8pm | Makerspace

Let us help you make the best costume for your Halloween party. Snacks provided! Public welcome!

October 31, Wednesday

Halloween Costume Competition

3-5pm | Makerspace

Come with your Halloween costume and compete for the best costume of SHU campus. Snacks provided! Public welcome!

November 7, Wednesday

SHUmo Bot Challenge #3

1-2pm | Makerspace

Cheer for our freshmen as they compete on our traditional robot challenge. Snacks provided! Public welcome!

November 15, Thursday

Connecticut Technology Council

Engineering Challenge Preliminary Round and Career Fair

8-4pm | Makerspace

Our very own engineers will compete on the state-wide CTC challenge in front of local companies. Career fair to be followed.

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