

ibrahim hashme

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Professional Summary

I am interested in the creation process from idea inception to design and prototyping all the way through to initial production. I try to create things whenever I get the time, ranging from random arduino gadgets and webapps to drawings and sculptures. The only thing that makes the creation process more fun is collaboration, and bringing other people's perspectives into the mix.

Experience

Design Engineer

Terrapin Works, College Park, MD, Dec 2016 - Aug 2017

Designed and build prototype products for clients. These clients ranged from companies simply improving on their design, to star-ups and individuals trying to finalize a production ready prototype.

terrapiinworks.umd.edu

Director

Collider, College Park, MD, Sept 2015 - Jan 2017

Led a renovation effort which included redesigning the space, logo and website, as well as getting an artist to paint custom murals on the walls and acquiring new furniture to rebrand the makerspace entirely.

collider.org

President

Terrapin Hackers, College Park, MD, Sept 2013 - May 2016

1,800 member UMD hacker collective. Started out organizing buses to hackathons and tech workshops, mainly to get to know interesting people who worked in different areas. Ended my involvement after serving as president for a semester.

terrapiinhackers.com

Projects

Collider Remake

Put together and led teams of designers, engineers and artists to redesign and rebrand the space entirely over a semester.

Supersonic Payload

Built, with a team of 5, a payload intended to break the sound barrier using gravity alone. It deployed a parachute after breaking the sound barrier some time after being dropped from a weather balloon.

Proats

After mixing my own meal replacement shakes for a year, I decided to start selling them. Built a prototype machine which mixed powders in the ratio required for each specific customer, and then bagged and sold them. Sold ~4,000 day-pouches over a year.

routinegen

Led a team of 4 to make an idea I had a reality. Routinegen generates a custom 12 week training regimen for the user to follow, tailored to their specific goals.

routinegen.com

Education

BS, Information Science (Data Science Specialization)

University of Maryland • College Park, MD • 2018 • 3.4 GPA

Skills

C • Python • HTML/CSS • JavaScript • SolidWorks • Adobe Illustrator/Sketch • Additive Manufacturing • Woodworking • SQL