

IBRAHIM HASHME

Experience & Leadership

Terrapin Works (Design Engineer)

College Park, MD
Dec 2016 to Aug 2017

- Designed, prototyped, and built ventilation system for lab rats
- Designed, prototyped, and built UV oven made to provide extremely even lighting to avoid fractures in cured resin

Collider (Director)

College Park, MD
Sep 2015 to Jan 2017

- Led team of designers, artists and engineers to renovate/rebrand the makerspace entirely
- Acquired \$20k of hardware and tools, ran day to day operations
- Mentored teams with ongoing projects in the space

Terrapin Hackers (President)

College Park, MD
Sep 2013 to May 2016

- 1,800 student hacker collective
- Acquired funding, led core organizer cabinet
- Ran several workshops on different tech topics
- Organized weekly buses to hackathons

Proats (Founder)

- Built prototype day-pack dispenser which mixed powders according to the inputted nutrition profile
- Acquired ~30 customers who bought 7 day pouches weekly, according to their needs
- Hired 2 students to mix powders and keep up with demand
- Sold ~4,000 day pouches over the course of a year

Projects

Collider Remake (Lead)

- Put together and led design team and execution team
- Described vision to design team, worked with them to come up with new look
- Worked with facilities to ensure code-compliant indoor mural painting
- Set up regular meetings with execution team where we executed the new space design
- Designed new website/logo, organized relaunch event

Hairy (Designer, Developer)

- Crowd-sourced haircut suggestions for myself
- Built webapp allowing users to draw hair on my head, and save suggestions to imgur
- ~100 haircuts aggregated, ~500 pageviews with a 4 min average session duration

GameHub (Designer)

- Video game aggregation/library app
- Performed contextual inquiry/analysis with potential users
- Extracted requirements, developed personas
- Used storyboards to construct wireframes and UI

Routinegen (Product Manager)

- Dynamic training routine generation depending on user's goals
- Brought designer, developer, and strength coach on board
- Iterated through designs with designers and routines with coach
- Worked on actual development with developer

Twitterjam (Developer)

- Twitter follower bot using python and twitter rest API
- Sent live updates to user via email about unfollows
- Analyzed tweets, related them to unfollows and follows
- Provided this information in an easy to digest report weekly

Baltimore Crime (Data Analysis)

- Used Baltimore PD datasets to map crimes on city map
- Created tableau storyboard showing optimal times to travel through city areas

VRoom VRoom (Hardware)

- Remote control sparkcore powered car to navigate maze
- Streamed to VR headset, controlled by hand gestures (myo armband)
- Won Best Hardware Hack (HoyaHacks 2016)

Contact

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Education

University of Maryland

B.S. Information Science/HCI 2018

Skills

DEVELOPMENT

C

Python

HTML/CSS

Javascript

PHP

AWS

DESIGN

Solidworks

Illustrator

UX Design

Wireframing

DATA

SQL/MySQL

Google Analytics

Tableau

D3