

IBRAHIM HASHME

Experience

Remote Programming Class

Founder/Teacher

Dec. 2018 to May 2019

- Grew from 1 to 12 students in 5 weeks (capped at 12)
- Taught students aged 10-12 who were mostly unfamiliar with computers
- Created syllabus, built software to facilitate teaching, kept students excited
- Students all ended with JS projects 5 months after starting with Scratch

Contracting

Freelance Webdeveloper

May 2018 to Jan. 2019

- Acquired customers in person within 2 days of beginning to look
- Built web presence for numerous local stores while traveling the USA

Proats

Founder, Sales+Manufacturing

Feb. 2016 to Jan. 2017

- Built prototype machine to ease manual labor requirements
- Acquired ~45 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

Terrapin Works

Product Designer/Engineer

Dec. 2016 to Aug. 2017

- Designed mouse cage vent plenum for injection molding with overmolding process; performed airflow, structural, and manufacturability analysis
- Wrote control system for robotic arm for use in engineering design course
- Designed+printed housing for UV curing oven in polycarbonate on Fortus 400MC; fabricated+implemented circuitry & electronics
- Designed+implemented rotational locking mechanism for ducting fans on wall climbing car

Collider

Director, Cofounder

Sept. 2015 to Jan. 2017

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

Terrapin Hackers

President

Sept. 2013 to May 2016

- 1,800 student hacker collective
- Acquired funding, led core organizer cabinet
- Ran several introductory workshops on circuits and electronics
- School placed 1st on MLH rankings; and placed consistently since

Projects

Makerspace Rebrand/Renovation

- Put together and led 6 person design team and 15 person execution team
- Described vision to design team, worked with them to come up with new brand+look
- Set up/ran regular meetings with key stakeholders; as well as involved teams
- Wrote+presented proposals; ran negotiations between stakeholders

Writedaily

- Daily writing prompt generator, integrated/authed with medium as a social platform
- In charge of growth, and generated over 300 pieces of writing, 400+ DAU
- #2 on producthunt.com, beating out products from lyft and asana
- Served as PM for the team, was heavily involved with both development and design

Hairy

- 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

VRoom VRoom

- 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

React/Redux

AWS

DESIGN

Solidworks

Illustrator

UX Design

Wireframing

DATA

SQL/MySQL

Google Analytics

Tableau

D3

COMMUNICATION

Cross-team Leadership

Content/Report Writing

Mentoring

Negotiating

Public Speaking

Relevant Coursework

- User Needs and Assessment
- User Centered Design
- Teams and Organizations
- Database Design and Modeling
- Data Visualization
- Data Sources and Manipulation
- Data Science Techniques
- Programming Concepts for Engineers
- Object Oriented Programming