IBRAHIM HASHME

Experience

Proats
Founder, Sales+Manufacturing — Feb 2016 to Jan 2017
- Built prototype day-pack dispenser which mixed powders according to the inputted nutrition profile
- Acquired ~45 customers who bought 7 day pouches weekly, according to their needs
- Hired 2 student interns 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 — Sep 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 — Sep 2013 to May 2016
- 1,800 student hacker collective
- Acquired funding, led core organizer cabinet
- Ran several workshops on circuit design/hardware
- School placed 1st MLH seaon, and placed consistently since

Projects

Makerspace Rebrand/Renovation
Lead
- 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 regular meetings with execution team where we executed the new space design/website/brand over a semester

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

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, ~800 pageviews with a 4 min average session duration

Twitterjam
Developer
- Twitter follower bot using python and twitter rest API
- Analyzed tweets , related them to live unfollows and follows
- Provided this information in an easy to digest report weekly helping user understand the impact of tweets

Baltimore Crime
Data Analysis
- Used Baltimore PD datasets to map crimes on city map
- Used D3 + Tableau on storyboard showing optimal times to travel through city areas to avoid crime

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