







# **PROFILE**



I'm a graduate student passionate about creating wicked awesome software products. I enjoy spending my time understanding user needs to design solutions, finding ways to organize processes efficiently, as well as satisfying my obsession of the Boston Red Sox.

### **EDUCATION**



- M.S. Human-Computer Interaction 2016 2018
   Georgia Institute of Technology
  - Management of Technology Graduate Certificate
  - Graduate Research Assistant
- B.S. Computer Science 2012 2016
  University of Massachusetts Amherst
  - Concentration: Software Engineering
  - Commonwealth Honors College

# **SKILLS**



## DEV

HTML | CSS | JavaScript | JAVA | Scala | Python | LESS/SCSS | WordPress | Git

### DESIGN

Wireframing | Rapid Prototyping | Storyboarding | Graphic Design | Sketch | Photoshop | Illustrator | Balsamiq | Video Production

## RESEARCH

Usability Testing | Experimental Design | Contextual Inquiry | Survey Design | Task Analysis | Affinity Diagraming | Information Architecture | Design Sprints

## **WORK EXPERIENCE**



### DRAPER LABS

**SUMMER 2017** 

### UX Researcher & Sembler Associate (Intern)

- Designed a tactical UI, designed & ran experiments to test performance metrics
- Conducted 10+ user tests to develop a set of heuristics for Microsoft Hololens
- Lead generation & needs assessment with technical startups

## GAIN LIFE, INC.

**SUMMER 2016** 

#### Product & UX Lead

- Developed product strategy for digital health coaching application
- Analyzed user needs & proposed, designed, implemented UX solutions

### ■ TIMETRADE SYSTEMS INC.

**SUMMER 2015** 

## Software Engineer - Intern

- Designed & developed TimeTrade's new Click To Check In web application
- Researched, designed, & implemented UX improvements to 4 apps

### SEASCAPETECH

JULY 2010 - MAY 2015

#### Founder & President

- Created over 30 WordPress websites for clients in a variety of industries
- Managed a team of up to 3 developers

#### UMASS STUDENT GOVERNMENT

2013 & 2014

# Secretary of Technology

- Designed & developed SGA's "What To Fix" application
- Met with CIO & VC of IT regarding UMass tech policy, funding, & strategy

## HYDROID INC.

SUMMER 2013

### Web Development Intern

- Designed & developed Hydroid's company intranet
- Developed PHP plugin to manage of 100+ Windows Active Directory users

## ■ EBSCO INFORMATION SERVICES

SUMMER 2012

## User Experience Intern

- Researched & proposed UX strategies for EBSCO Connection website
- Analyzed mouse tracking, heat maps, and web traffic data

## **PROJECTS**



## AUTONOMOUS AUTO HUD RESEARCH

### UX Research & Design

- Researched increasing driver vigilance in autonomous automobiles
- Designed variations of HUDs for quantitative user testing

## UNDERGRAD HONORS THESIS

# UX Implications of Google's Material Design Floating Action Button

- Design & prototype mobile app to perform user testing of the FAB
- Conducted 44 user tests and analyzed qualitative & quantitative results

## MOLECULAR PLAYGROUND

### **Product Manager**

- Managed team of 10 undergrads to design & build web app for a client
- Lead 30+ meetings to create requirement spec, design docs, and test plan
- Communicated with client & team to define a product vision & strategy

## MOOD.IO

## UX Lead

- Led UX design for 6 person team to build mood tracking Android app
- Designed low & high fidelity prototypes presented designs to client