



# SAM WEILLER

DEVELOPER. DESIGNER. UXER.

## ABOUT

Hi. I am Sam. I develop for web and mobile, I design awesome digital and physical things, I raise service dogs, and I play the bassoon. I am a hybrid developer and designer, studying to become a full-stack UXer.

## CONTACT

WEB: samweiller.io

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MOBILE: 914.815.5055

## SKILLS

DEVELOPMENT	JAVASCRIPT	<div style="width: 100%;"><div style="width: 100%;"></div></div>
	HTML/CSS	<div style="width: 100%;"><div style="width: 100%;"></div></div>
	NODE.JS	<div style="width: 100%;"><div style="width: 100%;"></div></div>
	PYTHON	<div style="width: 100%;"><div style="width: 100%;"></div></div>
	SWIFT (iOS)	<div style="width: 100%;"><div style="width: 100%;"></div></div>
	ARDUINO/RASPBERRY PI	<div style="width: 100%;"><div style="width: 100%;"></div></div>
DESIGN	SKETCH	<div style="width: 100%;"><div style="width: 100%;"></div></div>
	ADOBE SUITE	<div style="width: 100%;"><div style="width: 100%;"></div></div>
	DATA VISUALIZATION	<div style="width: 100%;"><div style="width: 100%;"></div></div>
	VIDEO PRODUCTION	<div style="width: 100%;"><div style="width: 100%;"></div></div>
	PROTOTYPING	<div style="width: 100%;"><div style="width: 100%;"></div></div>
	ANIMATION (2D/3D)	<div style="width: 100%;"><div style="width: 100%;"></div></div>

## INTERESTS

- Training Service Dogs
- Drinking Excellent Coffee
- 3D Printing
- Playing the Bassoon
- Composing Music

## WORK EXPERIENCE

- **CANINE COMPANIONS FOR INDEPENDENCE** / SEPT 2016 - PRESENT  
**Freelance Service Designer** in **Atlanta, GA** and **Orlando, FL**
  - Working with staff, trainers, and volunteer puppy raisers to redesign a platform to track and log progress for service dogs in training.
  - Creating a collaborative design workshop to directly involve all relevant stakeholders in the design process.
  - Designing mockups and interactive prototypes for user testing.
  - Executing designs through code and deploying the platform to over 600 puppy raisers nationwide.
  
- **RAHEEM** / JULY 2016 - PRESENT  
**Product Lead** in **San Francisco, CA**
  - Collaborating with a multi-disciplinary team to create a platform for reporting and reviewing police interactions through a Facebook Messenger bot.
  - Leading a team working to create an online platform to visualize report data.
  - Producing story and editing video content for an upcoming Kickstarter product video.
  
- **JUNIOR** / MAY 2016 - AUGUST 2016  
**Technology Apprentice** in **San Francisco, CA**
  - Designed, developed, and pitched a Slack-based chat bot for a client company with a combination of user research, Node.JS, and some expert presentation skills.
  - Conducted and presented rapid, guerilla user research for a software development client.
  - Reinvented the UX for a client's web experience on a two-person team.
  - Contributed to a UX redesign of PocktVR: a platform for sharing 360° media.
  
- **PROJECT FIDO** / MAY 2015 - DECEMBER 2016  
**Graduate Researcher** in **Atlanta, GA**
  - Developed canine wearable products to facilitate unambiguous communication between working dogs and their handlers.
  - Prototyped devices with embedded systems (Arduino, Raspberry Pi) and sensors that dogs can interact with both on and off their bodies.
  
- **DILKS LAB** / AUGUST 2013 - MAY 2015  
**Lab Manager** in **Atlanta, GA**
  - Designed, conducted, and analyzed experiments studying visual perception of scenes using neuroimaging (fMRI), eye tracking, and behavioral methods.
  - Developed immersive, 3D research environments using Unity and C#.
  - Managed lab logistics, including writing IRB protocols and developing analysis scripts in MATLAB, Python, bash, and FSL.
  
- **GEORGIA INSTITUTE OF TECHNOLOGY** / GRAD MAY 2017  
**Master's Degree in Human Computer Interaction**
  - Interactive Computing Focus
  - GPA: 4.0
  - Teaching Assistant for User Interface Design, Intro to Visual Design
  
- **UNIVERSITY OF ROCHESTER** / GRAD MAY 2013  
**Bachelors of Arts in Music Composition**  
**Bachelors of Science in Brain & Cognitive Sciences**
  - GPA: 3.65, Cum Laude
  - One of two recipients of the Bilski-Mayer Research Fellowship in 2012

## EDUCATION