

# CHARLES SAMUELS

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## TECHNICAL PROJECTS

**Olio** — A collection of things, a platform for visual collage

- Implemented a Ruby on Rails API with a PostgreSQL database to dynamically populate application assets, handle authentication with bcrypt and JWT tokens, and store user data
- Built React + Redux webapp to allow users to manipulate and create their own virtual DOM compositions

**Bizaar** — A marketplace for listing and trading items commerce-free

- Built Rails backend with PostgreSQL database, multiple ActiveRecord associations and fully RESTful routing.
- Implemented authentication with bcrypt and session logging
- Used the Paperclip gem to enable images for user avatars and listing descriptions
- Included search functionality for all listings and the ability to bid and trade listings

## SKILLS

Ruby | Rails | SQL | JavaScript | React | Redux | HTML | CSS

## EXPERIENCE

**Quicken Loans** Detroit, MI

Purchase Mortgage Banker, February 2016 - December 2016

- Managed ~100 clients, including regular follow up and advising for pre-approval and home purchase
- Provided clarity and professional advice to select and price the mortgage solution
- Coordinated with realtors to ensure the home search and securing of financing were smooth and easy

**Peaks Media** Detroit, MI

Co-Founder & Media Producer, August 2015 - Present

- [www.peaks-media.com](http://www.peaks-media.com)

**3rd Rail** [arts collective & gallery] Ann Arbor, MI

Co-Founder & Director, April 2015 - February 2016

- Founded the collective & managed the gallery as Director
- Managed the organization's graphic presence, finances, operations, and artwork sales
- Created opportunities for as well as curated and installed shows & events

**Photo Studio**, Residential College, UofM, Ann Arbor, MI

Lab Assistant, May 2013 - August 2015

- Designed workflow and ordered equipment to furnish the newly renovated lab
- Maintained cameras, enlargers, and chemicals
- Assisted students with technical work in the darkroom

**Digital Media Studios** Stamps School of Art & Design, UofM, Ann Arbor, MI

Lab Assistant, May 2014 - August 2015

- Maintained inkjet printer and computer monitor calibration throughout the lab
- Designed and printed signage for the lab and photo studio
- Assisted students with printing and scanning

**Printmaking Studio** UM, Ann Arbor

Research Assistant, May 2013 - August 2015

- Researched and documented digital fabrication methods - including CNC routing & laser cutting - for application in fine art printmaking techniques and for use in the Stamps School of Art & Design curriculum.

**TEDxUofM** Ann Arbor, MI

Designer, March 2011 - May 2012

- Stage Design, apparel design, album artwork design for music compilation

**Andrew Berman Architect**, New York, NY

Intern, Winter 2010

- Updated and maintained product library; created client presentations; developed architectural models.

## EDUCATION

University of Michigan Stamps School of Art & Design, Ann Arbor, MI

Class of 2015

BA . . . . . Art & Design - specialization in Design Methodology and Fabrication

Minor . . . . . Art History

Flatiron School New York, NY

Class of 2017

Full Stack Web Development, Ruby on Rails and JavaScript In-Person Program