SIERRA **MCLAWHORN**

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SUMMARY

Glass half full stack engineer with a background in film.
Passionate about marrying the creative elements of design and functionality.

SKILLS

Ruby • Rails • Javascript • SQL • PostgreSQL • Sinatra • ActiveRecord • HTML • CSS
Object Oriented Programming • Jasmine • RSpec • MiniTest • Google APIs

PROJECTS

Klink – Github

- Recognizing that children learn through repetition and feedback, our five person team created a collection of children's games that uses Fabric JS to create an interactive canvas for children to improve their literary skills. The games can be connected to the Xbox 360 Kinect to allow users to play via motion detection, or can be played using a computer or tablet device.
- As the Javascript front end developer, my responsibilities included implementation of animations, Canvas JS responsiveness, drawing features, and Fabric JS snapping features.
- Tech stack: Ruby on Rails, Fabric JS, Javascript, HTML, CSS

Clinic Finder – Github

- A ruby gem built with DC Abortion Fund for San Francisco's Abortion Access Hackathon. The gem is intended to minimize time and logistical challenges for case management teams as they find appropriate clinics for individual patients.
- As one in this four person team, my contributions included implementation of closest clinic calculations using GeoKit, writing MiniTests, and publishing the gem.
- Tech stack: Ruby, GeoKit, MiniTest
- Press: *CNN* - *Rewire* - *New Yorker*

Petfinder Chrome Extension – Github

- An in-browser way to increase the exposure of adoptable animals. Now available in the chrome web store.
- Tech stack: Javascript, HTML, CSS, Petfinder API

EXPERIENCE

Assistant Producer [Internship] – documentary series – The Culture Trip – 2016
Unit Production Manager – "*November 30th*" – short film – 2016
Script Supervisor – IYAZ "*Sleeping Alone*" – music video – 2015
Script Supervisor – "*Table Manners*" – short film – 2015
Script Supervisor – January May "*Young*" – music video – 2015
Canine Behavior Evaluator [Volunteer] – Pitt County Animal Shelter – 2011-2013
Receptionist & Veterinary Assistant – McLawhorn Animal Clinic – 2010-2013
Videographer – 15th World Congress – 2013

EDUCATION

DEV BOOTCAMP – FULL STACK WEB DEVELOPMENT, 2016
19-week intensive course; Emotional Intelligence (EQ) training

FULL SAIL UNIVERSITY – FILM B.S., 2015
Creative Minds Scholarship recipient