

OLIVIA LEACH

FULL STACK WEB
& GIS DEVELOPER

203.807.2808

OLIVIA.I.M.LEACH@GMAIL.COM

WWW.OLIVIALEACH.COM



github.com/olivia-leach



linkedin.com/in/olivialeach



EDUCATION

MASTER OF PUBLIC HEALTH
EMORY UNIVERSITY | 2011 - 2013
GPA: 3.95

B.S. ENVIRONMENTAL ENGINEERING
TUFTS UNIVERSITY | 2007 - 2011
GPA: 3.52, MAGNA CUM LAUDE



SELECT WEB PROJECTS

WANDERLIST

Full stack web app built for users to add & track destinations they want to visit. Incorporates the Google Maps JavaScript & Places APIs, Flickr API, and the Wikipedia API. Users have CRUD capabilities to interact with their 'Wanderlist', which is stored on the back-end in a MongoDB database.
<http://goo.gl/L6bvA9>

WHEREOKE

Full stack web app that uses the Google Maps and Google Streetview Image APIs to geospatially display karaoke data based on the day of the week. Users have CRUD capabilities to interact with the venue data, which is seeded via a PostgreSQL database on the back-end.
<http://goo.gl/M7E4Zi>

TICTACTOE

Front-end game play app built with HTML/SCSS, Bootstrap, JavaScript, jQuery & AJAX. Interacts with an API to save user log-in and game play data.
<http://goo.gl/ZOIqZF>



SKILLS

HTML5

CSS3

JavaScript

Ruby

jQuery

Bootstrap

Handlebars

d3.js

Rails

PostgreSQL

MongoDB

ArcGIS / QGIS



EXPERIENCE

WEB DEVELOPMENT IMMERSIVE PROGRAM

GENERAL ASSEMBLY

Mar 2016 - Jun 2016 | Boston, MA

- Improved & demonstrated web development skills via participation in this 12-week intensive hands-on career accelerator program
- Designed, developed, tested, & deployed a series of full-stack web applications to specifications while working both independently and as part of project teams

GIS ANALYST

CENTERS FOR DISEASE CONTROL & PREVENTION

Oct 2014 - Feb 2016 | Atlanta, GA

- Modernized routinely-made maps for automation and updated style
- Managed and analyzed large quantities of geospatial and environmental data
- Mapped urgent requests for disaster and emergency response for the CDC's Emergency Operations Center

STAFF ENGINEER

ENVIRONMENTAL RESOURCES MANAGEMENT

May 2013 - Sep 2014 | Atlanta, GA

- Spearheaded GIS integration into the air quality and climate change practice
- Leveraged GIS technology to visually communicate implications of environmental regulations to clients, refine air modeling inputs, and present modeling results