

{Mx.} Oliver Leigh Coley

FRONT END DEVELOPER

Front end developer with a background in art and education and a passion for creative problem solving. Dedicated to using programming as a tool to provide innovative and accessible solutions to real-world issues.

PROJECTS

Pocket Therabuddy — *React, Redux, d3, Node, Express, Sequelize with postgresSQL, Material Design Bootstrap*

- Isomorphic javascript application using d3 for data visualizations
- Pocket-sized mental health tool where users can track their moods and habits and view patterns over time

Wikology — *Node.js, PostgreSQL, Sequelize, Stripe API Client*

- Server-side web application that mimics Wikipedia
- Implements user authentication, role-based authorization, and test driven development
- Option to upgrade to a premium user account using Stripe API client in order to create private wikis
- Layout translated from wireframes and implemented with Bootstrap 4 for efficient styling.

Vintage Etiquette Bot — *Python, Twitter API Client*

- Python-based twitter bot using a markov chain algorithm to create randomized phrases based a victorian etiquette manual
- Built as an independent project and self-taught introduction to Python

EXPERIENCE

Freelance — *Artist + Designer*

AUGUST 2016 - MARCH 2018

- Developed original concepts and illustrations for greeting cards and art prints
- Fostered relationships with local artists and art enthusiasts and promoted my work at monthly art markets

Artisan's Asylum, MA — *Screen Printing Teacher*

JULY 2017 - OCTOBER 2017

- Evaluated and solved exposure unit technical issues with shop lead
- Provided students with troubleshooting strategies and maintained class morale through the inevitable errors that come with an unpredictable medium

Boston Arts Academy, MA — *Student Teacher*

JANUARY 2016 - MAY 2016

- Implemented diagnostic strategies to evaluate students and address potential issues with subject comprehension, motivation, or inter-student conflicts
- Led classes of 20-30 high schoolers and established a strong rapport with each student

FALLS CHURCH, VA

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[GitHub](#) [LinkedIn](#) [Portfolio](#)

SKILLS

Languages + Frameworks:

JavaScript, React, jQuery, Redux, Node.js, HTML, CSS, Git, ES6+, Bootstrap 4, d3, Ruby, Python, SaSS

Database + Storage: PostgreSQL, Firebase, Sequelize ORM

Other: test-driven development with Jasmine + Jest, ArcGIS API for JavaScript, REST APIs, AWS (s3, Cloudfront), web fundamentals (JSON), Express, EJS, command line, Sketch, Adobe Illustrator + Photoshop

EDUCATION

BLOC, Inc

Web Development Program

May 2019

Learned industry best practices and practical software development standards with a focus on HTML, CSS, JavaScript, jQuery, Node.js, React, PostgreSQL, algorithms, and data structures.

MASSART

K-12 teaching certificate

May 2016

SMITH COLLEGE

B.A in Studio Art

May 2014

HOBBIES & INTERESTS

Programming, social dance, dogs, art + design, sustainability