

{Mx.} Oliver Leigh Coley

FULL STACK DEVELOPER

Full-stack 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

Insomnia Chat — React, Firebase, HTML, CSS

- Responsive client-side web application where users can create chat rooms, as well as send and receive messages.
- Uses a Firebase database to store messaging data, and utilizes React's state component to filter messages based on the active chat room.

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

Artisan's Asylum, MA — Screen Printing Teacher

JULY 2017 - OCTOBER 2017

- Led introductory screen printing courses
- 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 a medium as unpredictable as printmaking

Boston Arts Academy, MA — Student Teacher

JANUARY 2016 - MAY 2016

- Planned curriculum for 9th-12th grade art majors that incorporated state requirements, problem solving opportunities, concrete objectives, and social awareness
- 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, Node.js, HTML, CSS, Git, ES6+, Bootstrap 4, Python

Database + Storage: PostgreSQL, Firebase, Sequelize

Other: test-driven development with Jasmine, REST APIs, AWS (s3, Cloudfront), web fundamentals (TSL, HTTP, 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