William Ley

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Full stack software engineer with a passion for building community and improving communication through technology. With experience in Ruby on Rails, JavaScript, and React and a background in diversity, equity, and inclusion work, I first came to web development through a desire to create in new ways and connect people across cultures and backgrounds. I bring strong skills in writing clear, clean, and well-tested code, managing multiple projects to deadline, and understand the work ethic needed to meet the challenges of a distributed and asynchronous team in a collaborative environment.

TECHNICAL PROJECTS

WeRHere - [GitHub](#) | [Heroku](#)
A web app for people experiencing homelessness which works both on and off line
- Uses MapBoxGL for display and interaction with geolocation data
- Incorporates 14 DC.gov Open Data APIs to put many of the city's resources together on one platform
- Built with Semantic UI React, React/Redux/Thunk, and CSS Grid

Flatiron Students Connect - [GitHub](#) | [Heroku](#)
A platform for students to take and easily share notes and online references
- Uses React as a gateway for dynamic page management
- Includes Redux and Thunk for state management and component flexibility and JWT token auth
- Supported by Rails as an API to manage integration with Postgres
- Persisted with Postgres and hosted on Heroku

Onitama - [GitHub (with August Guiles)](#) | [Heroku](#)
A custom digital version of a chess-like board game from Japan
- Extensive use of CSS Grid to connect style and feel to original board game
- Built on JavaScript for DOM manipulation and logic
- Persisted with Rails and Postgres for game continuity even with a refresh of the page

TECHNICAL SKILLS

JavaScript, React, Redux, Thunk, Sagas, Node.js, Express, TypeScript, Jest, Enzyme, HTML5, CSS, CSS-in-JS, CSS Grid, Ruby, Ruby on Rails, Rspec, Python, Flask, Pytest, REST, PostgreSQL, SQL, MapBoxGL, VectorWorks, Git, Figma

EMPLOYMENT HISTORY

Software Engineering Coach, Washington, DC
Flatiron School, *October 2018 – September 2019*
- Develop a React interface with a Rails API for an existing student-pairing application, providing a more informative and intuitive user experience
- Communicate with lead instructors to deploy content that meets learning objectives
- Teach, build, and modify existing curriculum for Ruby, Sinatra, Ruby on Rails, JavaScript, React, and Redux; seven cohorts to date
- Collaborate in code-based marketing events and researching for small engineering team projects

Technical Theater Director, Washington, DC
Georgetown Day School, *September 2007 – July 2018*
- Supervised all aspects of production and design for performances across departments
- Developed the curriculum for a theater production and design class

Diversity, Equity, and Inclusion Teacher, Washington, DC
Georgetown Day School, *September 2009 – July 2018*
- Facilitated social justice discussions around subjects such as race, religion, sexual orientation, gender, and socioeconomic status

EDUCATION

Flatiron School, Washington, DC – *2018*
Software Engineer Bootcamp
Boston University, Boston, Massachusetts – *2000*
Bachelor of Arts: English
NAIS Diversity Leadership Institute – *June 2017*
National Diversity Directors Institute – *2015-2016 Cohort*