

WILLIAM WATKINS

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EDUCATION

App Academy

1000-hour immersive full-stack web development intensive focused on full-stack development, algorithms, and data structures.

Oberlin College

BA Russian Language and Literature 2015

High Honors

Oberlin Conservatory of Music

BM Violin Performance 2015

EMPLOYMENT

Language Link

Teacher of English as a Second Language

St. Petersburg, Russia

Sep 2016 to Jun 2017

Planned and coordinated lessons for dozens of students with various skill levels

Personalized material for lessons in business and technology settings

European University at St. Petersburg

St. Petersburg, Russia

OCREECAS Intern

Feb 2016 to Jun 2016

Received grant from Oberlin College to work at one of Russia's most prestigious private universities

Translated, edited, and organized materials for the university's new course catalogue

Held conversation classes with students and advised administration on English language curriculum

PROJECTS

Greatreads

Current

Single-page web app inspired by Goodreads with a React frontend and RESTful, Ruby on Rails backend

Allows user to create, edit, and delete bookshelves and reviews, as well as assign books to specific bookshelves, through backend ActiveRecord associations

Utilizes React lifecycle methods and Redux architecture to organize frontend data and improve efficiency by providing only necessary information to state

Leverages HTML5 and CSS3 Flexbox to replicate Goodreads' clean, polished interface

Live | Github

Tetris

Current

Console game implemented with JavaScript and Canvas

Creates a coordinate system through array manipulation to allow user to move/rotate pieces within boundaries and clear rows to earn points

Utilizes JavaScript's localStorage property to record high score and sound preferences

Renders polished images and animation through use of HTML5's Canvas element

Live | Github

Domani

Jan 2018

JavaScript DOM manipulation library inspired by JQuery

Traverses, selects, and creates DOM elements

Creates node collections with custom methods using HTML5

Simplifies and processes asynchronous HTML requests

Github | Demo

SKILLS

COMPUTER PROGRAMMING: JavaScript, Ruby, Rails, React.js, Redux, jQuery, SQL, HTML5, CSS3, Git