

# ELLIE WAWRZASZEK

Software Engineer

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## PORTFOLIO

### DESSERT

*A full-stack web application based on Untappd built using Rails, PostgreSQL, React.js and Redux*

- Leveraged backend associations to calculate and render statistics for each dessert
- Integrated Amazon Web Services S3 for remote storage of large uploads; saved file references as attachments in PostgreSQL database
- Developed dynamic user interface and styled HTML elements using CSS3 to replicate Untappd's look

### Slugs & Dinos

*A browser based JavaScript game inspired by Bejeweled.*

- Manipulated native DOM elements with jQuery to create dynamic and interactive user interface
- Implemented game logic and recursive matching algorithm with JavaScript
- Customized color scheme of game pieces using Adobe Photoshop

### Glo

*A jQuery inspired JavaScript library that simplifies HTTP requests and interaction with native DOM elements*

- Developed methods for manipulating and installing event handlers on DOM elements, and traversing collections of DOM nodes
- Created functions to allow implementation of asynchronous Ajax requests
- Created and styled interactive demo to showcase Glo's functionality

## FOREIGN LANGUAGES

- Fluent German
- Conversational Italian & Turkish

## SKILLS

**Software:** Ruby, Ruby on Rails, JavaScript, jQuery, React.js, Redux, SQL, Git, HTML5, CSS3, RSpec

## PROFESSIONAL EXPERIENCE

### Teaching/Educational Consultant Roles

- *NYC Department of Education* 2014 - 2017
- *Fulbright Commission (Austria)* 2011 - 2013
- *Bilkent University (Turkey)* 2010 - 2011

### Achievements & Responsibilities

- Earned teacher performance ratings in the top 5% of New York City
- Completed the rigorous and highly selective New York City Teaching Fellows program (<9% acceptance rate)
- Collaborated and co-taught with over 30 teachers in four Austrian public schools
- Designed and taught undergraduate English curriculum at one of the top universities in Turkey
- Developed and implemented a 3 week intensive training seminar for Turkish Diplomats through the Turkish Foreign Ministry

## EDUCATION

### App Academy

Summer 2017

- Immersive software development course
- <3% acceptance rate

### Hunter College

2014 - 2016

*MS - Teacher Education (3.9 GPA)*

### Williams College

2006 - 2010

*BA - Art History (3.5 GPA)*

- Awarded the Bronfman Science Fellowship for independent research
- Archives Intern at Harvard University's Center for Italian Renaissance Studies
- Lab intern at the Restoration Laboratory for the Archaeological Museum of Florence