

Jeffrey Marks

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Full-stack web developer with extensive experience in Ruby on Rails, JavaScript, and React. My love for logic and problem solving always drives me to find better solutions to bigger challenges. I bring everlasting inquisitiveness, the desire to collaborate, and get things done right. Conversationally fluent in Japanese.

Technical Projects

Alexandria — [Demo Video](#) — [Front-End Github](#) — [Back-End Github](#)

A solo project tool for uploading, comparing, and managing Magic: the Gathering decks.

- Built Rails backend to manage a database that sends various search requests to an external API.
- Designed straightforward React interface, which allows for easy navigation.
- Implemented libraries such as Redux and React Router to lend powerful functionality.
- Customized with Semantic UI and custom CSS to lay out this app in an eye-appealing but intuitive manner.
- Login and signup carefully curate what content is seen by which users.

Cook This — <https://cookthis.herokuapp.com/> — [Front-End Github](#) — [Back-End Github](#)

An app for scraping recipes and cooking along with them.

- Developed Rails backend to take a recipe URL and save an according database entry with all relevant attributes.
- Created React frontend that gives this app an easily navigable interface, which presents no learning curve.
- Collaborated with a partner, which helped me develop my pair programming and Git etiquette skills.

Swimmy Otter — <http://swimmy-otter.herokuapp.com/> — [Front-End Github](#) — [Back-End Github](#)

Whimsical vanilla JavaScript game about an otter dodging logs.

- Incorporated game development paradigmatic thinking, which exposed me to an entirely new way of coding.
- Utilized math and pseudo-physics, an entirely new problem set compared to website development.

Technical Skills

Fluent in Ruby and JavaScript, specifically with Ruby on Rails and React, respectively. Proficient with LaTeX and Mathematica, which were used to write my Senior-year research project *Rotational Symmetries of Regular Three Dimensional Solids*. Experience with Python, C++, MATLAB, SQL, and Excel.

Employment History

Queens County District Attorney's Office — Queens, NY

Summer Intern, *Summer 2016*

- Aided first-time misdemeanor offenders to stay out of the criminal justice system at the "Second Chance" program.
- Conducted interviews to determine whether individuals were appropriate for the program.
- Supported the prosecution in court by taking notes and assisting with relevant case files.

Hi Art! — New York, NY

Camp Counselor, *Summers 2013 and 2015*

- Created and managed the schedules of campers aged 6 to 14 over 8 weeks period.

Education

Flatiron School — July 2019

- Full Stack Web Development 15-week immersive program on Ruby, Ruby on Rails, JavaScript, and React.

Union College — Schenectady, NY — 2017

- B.Sc. in Mathematics (Major GPA: 3.76) and Japanese (Minor GPA: 3.6)