

Marcella Maki

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Full stack web developer, academic researcher, and advocate with an interest in developing new, community-driven approaches to applying technology to programs for the public good. After working in environmentalism, politics, and government, I noticed the lack of civic-minded tech and the challenges that governments and nonprofits face when trying to integrate and build new technology. I became determined to become an engineer and combine a passion for software development with a firm belief in the importance of civil service.

TECHNICAL PROJECTS

Level ([Front End](#) | [Back End](#)) *A mental health and wellness app with customizable, text message reminders*

- Built front end using React and Redux with custom CSS styling
- Built API with Ruby on Rails and used Twilio API for managing text messaging

Battleship ([Front End](#) | [Back End](#)) *A single-player, online version of the classic board game*

- Built interactive game board with vanilla JavaScript; custom CSS styling
- Built API using Ruby on Rails

Flashcard ([Front End](#) | [Back End](#)) *An easy-to-use online tool to create and save custom decks of flashcards*

- Built interactive forms and cards using React and used Semantic UI to design front end
- Built API using Ruby on Rails

TECHNICAL SKILLS

Programming Languages: Ruby, SQL, Rails, Javascript, React, HTML, CSS

EMPLOYMENT HISTORY

Tod Roulette, Writer and Independent Lecturer CCNY - Harlem, NY

January 2017 - Present

Freelance Research Assistant

- Assist with research and writing for forthcoming book on George v. McProud, a legal challenge to school segregation in Topeka, KS, that predates Brown v. Board of Education by fifty years
- Copyedit and maintain blog of research updates

Clementine Bakery - Brooklyn, NY

April 2016 - September 2016

Project Supervisor – Business Expansion | Interim General Manager

- Executed all aspects of business growth to a new retail location including: project design, coordination and supervision of site construction, collaboration on menu development and expansion, and hiring
- Achieved a 35% increase in sales
- Supervised 15 employees, including the bakery and kitchen managers

Manhattan District Attorney's Office – New York, NY

March 2015 - April 2016

Victim Notification Specialist | Victim Services Advocate

- Facilitated a caseload of up to 250 individuals
- Provided victims with details of the counseling and social services the Witness Aid Services Unit and assisted with applications coverage of medical bills and replacement of lost, damaged, or stolen property

EDUCATION

Flatiron School, New York, NY - 2017

Full Stack Web Development Immersive Program - Ruby On Rails, JavaScript

Middlebury College, Middlebury, VT - 2014

Bachelor of Arts Degree: Political Science/Sociology (Magna Cum Laude)

Research Project: Differences in Frames Used to Write about Women Political Candidates: Mainstream Media and Blogs.