Mariela Velez

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[Github](#) | [LinkedIn Profile](#) | [Personal Portfolio](#)

Seeking position in front end or full stack web development. Able to build a sophisticated website with database backend and attractive user interface design. Fully bilingual in Spanish and English and adept in working in diverse teams for project implementation.

SKILLS

Node.js, React JS, MongoDB, Express, R, Microsoft Excel, JavaScript, jQuery, Github, Mongoose, MySQL, Firebase, HTML, CSS, Bootstrap 3 and 4, Media Queries, APIs, JSON, REST, AJAX, SASS, CRUD operations, Adobe Photoshop, the command line, and computer science fundamentals.

EDUCATION

University of Texas at Austin, Austin, TX   June 2017 - December 2017

UT Austin Coding Bootcamp - Full Stack Web Development
An intensive 24-week boot camp dedicated to designing and building web applications. Skills learned consisted of HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node Js, MySQL, and React JS.

University of Texas at Austin, Austin, TX   May 2017

B.S. Microbiology and Infectious Diseases (Pre-Medicine), GPA 3.6

FREELANCE WORK

MAJiKBot   2017

Full Stack Developer & Lead UI/UX Designer

- An automated banking chatbot that uses natural language to perform a variety of financial objectives such as query balances and money transfers.
- IBM Watson, React.js, Node.js, MySQL, Express, ES6, and Bootstrap.
- https://majikbot.herokuapp.com/

ASAP Locksmith   2017

Full Stack Developer

- A digital tracking system backed by a SQL database which stores pending jobs and outputs weekly or periodic reports.
- Project manager of a team of 5 as well as UI/UX design and database management.
- https://asaplocksmith.herokuapp.com/

Fitness KAMB   2017

Full Stack Developer

- A digital health and fitness resource created to allow users to set personal goals and find fitness centres and health conscious restaurants near them.
- Designed and wrote the homepage, fitness page, and events page UI in a team of four.
- https://marielavlz.github.io/FitnessKAMB/

NYT Web Scraper   2017

Full Stack Developer

- An online web scraping app that collects articles from the New York Times and allows users to save and comment on articles.
- MongoDB, Node.js, Express, REST, Handlebars, CRUD operations.
- https://webscrapervlz.herokuapp.com/

Burger World   2017

Full Stack Developer

- A full stack application deployed on Heroku capable of creating a list of 'burgers' which are stored in a database and can be 'eaten'.
- Node.js, Express, Handlebars, MySQL, and REST.
- https://secure-waters-92206.herokuapp.com/index

Crystal Collector   2017

Full Stack Developer

- A game playable on the browser that randomises values onto four crystals and sets a known goal for the player to reach.
- Created with Bootstrap, Javascript, CSS, and HTML.
- https://marielavlz.github.io/week-4-game/

WORK EXPERIENCE

University of Texas at Austin   August 2014 - June 2016

Undergraduate Researcher

- Researcher focused on polymicrobial synergism in oral infections, looking specifically at organisms such as *Pseudomonas aeruginosa* and *Aggregatibacter actinomycetemcomitans* as well as oral streptococci.
- Studies included genome analysis, high ouput RNA sequencing, and transposon sequencing.
- Used statistical analysis languages such as R.

Texas Children's Hospital   May 2015 - August 2015

Volunteer

- Full time volunteer and Spanish-English translator at the Texas Children's Hospital in Gastroenterology department.