

Erick Camacho

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Full stack web developer with a passion for creating functional, aesthetically appealing, and user friendly products that bring positive impact to our world. With experience in Ruby on Rails, JavaScript, and React and a background in Electrical and Computer Engineering I bring strong skills in critical thinking and project management. Fluent in Spanish.

TECHNICAL SKILLS

C/C++, Python, HTML5, CSS3, JavaScript, JQuery, React/Redux, Ruby, Ruby on Rails, SQL, Bootstrap, Semantic UI, PostgreSQL, JSON, RESTful APIs, Git, Github, Matlab, Verilog, VHDL, Linux, Arduino, Adobe Photoshop, Adobe Premiere

TECHNICAL PROJECTS

IDJ - [Github](#) | [Demo](#)

A platform that connects aspiring DJs to professionals that provide mentorship and education/training

- Built RESTful API using Ruby on Rails, enabling CORS and full CRUD implementation.
- Utilized Semantic UI and custom CSS to design a dynamic frontend, ensuring real-time creation and completion of sessions between students and instructors.
- Integrated React JS used to implement AJAX functionality, it enables dynamic CRUD features in the front-end.

Footballly - [Github](#) | [Demo](#)

Serves soccer fans with information from Europe's top leagues, users can create a profile to track their favorite teams or leagues

- Utilized Semantic UI and custom CSS to design frontend and create tables and cards for teams/leagues.
- Built RESTful API utilizing Ruby on Rails, enabling database seeding with Football-data live API and reducing API calls.
- Employed React JS to implement AJAX functionality, enabling dynamic front-end CRUD features and the functionality to search, add, favorite, and track both teams and leagues.

Furever Furend - [Github](#) | [Demo](#)

Algorithm-powered dog matching service that suggests dog-breeds based on user lifestyle/profile

- Built with Ruby on Rails following MVC pattern, enabling creation of user profiles and matching of dogs from database with users based on user profile (lifestyle); developed all functionalities utilizing object-relational mapping (ORM).
- Utilized Bootstrap and custom CSS to design frontend.

Capstone Project - PDV Self-Parking Car | [Report](#)

Designed and built an autonomous self-parking car

- Served as Project Manager, ensuring smooth and efficient operations of both software and hardware.
- Utilized technologies Raspberry Pi, Python, Traxxas XL-5 motor controller, dc/servo motors, and ultrasonic sensors.

WORK EXPERIENCE

Gino Productions

Brooklyn, NY

Sound Engineer / Event Coordinator

July 2012 – Present

- Provide professional sound and lighting services to major international latin event organizers in NYC
- Supported execution of over 100 events with the goal of making sure customer satisfaction exceeded

BdubD Enterprises

Rochester, NY

DJ/Event Support

May 2015 – May 2017

- Provided 30+ events with live music, handling user experience for attendees and guests from start to finish
- Set up, operated, and tore down multifaceted entertainment equipment (speakers, microphones, mixers and lights)

Brooklyn Repairs

Brooklyn, NY

Sales Associate / Computer Repair Technician

May 2016 – August 2016

- Solicited electronics, cell phones, cell-phone plans and repair services, providing first class customer service
- Assisted with computer repairs/troubleshooting and learned the basics of tech hardware repairs and troubleshooting

EDUCATION

Flatiron School

New York, NY

Full Stack Software Engineering Immersive

February 2018

University of Rochester

Rochester, NY

Bachelors of Science in Electrical and Computer Engineering

May 2017

Honors and Awards: Dean's List (2013, 2017)