

Kenneth Young Castro

(787)685-4076 | [github: kyoung90](#) | kenneth.young90@gmail.com | [LinkedIn](#) | [blog](#) | [portfolio](#)

PROJECTS

Love Every Pound - Site where you can keep track of your weight.

Rails 5 | React | Redux | [github front end](#) | [github back end](#) | [website](#)

- Built a Ruby On Rails API to handle data persistence.
- Used React hooks to manage state and lifecycle methods.
- Stylized using Semantic UI.
- Configured using Redux to share data between React components.

EENET - Website that allows you to purchase an internet package plan.

Rails 5 | jQuery | [github](#) | [video](#)

- Made to keep track of payment history, service periods, and internet status changes.
- Programmed to connect to a router through the mtik gem and makes changes to pppoe profiles.
- Configured http routes for giving out data in JSON format, and it uses it to display some content without having to refresh.

IdidPortfolio - Site where users can display their portfolio, for a list of their projects

Sinatra | [github](#) | [website](#) | [video](#)

- Allows users to view all projects, and user's profile, including description and all projects by the user.
- Programmed to be able to like/unlike a project.
- Displays a project's amount of views and likes.

TECHNICAL SKILLS

- Strong in Ruby, Rails, React, Redux, HTML/CSS, JavaScript, SQL, Arduino
- Use of Nodejs, Express, MongoDB, Bootstrap, Semantic UI, jQuery, Prolog, Swift, Python, C#, Java, C++

NON-TECHNICAL SKILLS

- Fluent in English and Spanish
- IT, Robotics, Programming Teacher

EXPERIENCE

Forward Learning - Guaynabo, Puerto Rico

Robotics Coach, February 2018 - Current

Python | Java | C++ | Arduino | Swift

- Teach K-12 students and coach Forward Learning's teachers in programming and robotics.

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- Teach 12th grade students Fundamentals and Object-Oriented Programming in Java and make Swift iOS projects using API's.
- Teach 11th grade students Fundamentals in C++, and guide them to Build a TicTacToe as a final Project and an autonomous car using Arduino.
- Develop a Curriculum for Fundamentals of Programming in Python.
- Teach alternative school summer camp of 20 students the Fundamentals of Programming in Python and how to build an original Project using API's per team of two students.
- Mentor 12th grade students with their Science Fair Project. As a result, they won second place in Puerto Rico in general, first place in engineering. Also, competed in US Science Fair and won first place for First Life Science Award. [blog](#)
- Mentor 11th and 12th grade students to participate in a coding competition.
- Engage students on critical thinking skills and teamwork by making them work together to solve coding challenges, while also challenging them to grow individually to provide more value to their team.

Código Ecuador - Remote

Freelance Developer, October 2019 - December 2019

React | Redux

- Create the skeleton layout, including folder structure and routes
- Add translation toggle button to translate between English and Spanish using Redux and local storage
- Write JSONs to translate the organization's information between English and Spanish
- Add mobile responsive layout to resources

Banco Santander - San Juan, Puerto Rico

IT Intern, November 2017 - February 2018

- Fix computer problems and vulnerabilities in the technology area of the company.
- Resolve help desk issues tickets for end users.
- Handle calls from multiple branch offices and help with services.
- Handle replacing broken computer equipment.

Universidad del Turabo - Gurabo, Puerto Rico

Electronics And Math Tutor, June 2016 - November 2017

- Tutor university level students in electrical networks and math.
- Prepare freshmen for taking math placement tests.

EDUCATION

Flatiron - *Online Software Engineering Bootcamp Course*

New York City, NY | July 2019

Universidad del Turabo - Bachelors of Science in Computer Engineering (GPA: 3.78)

Gurabo, PR | June 2018