Daniel Enríquez, Software Engineer and Lead Teacher at LeWagon

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Education	Computer Science, Southern University Of New Hampshire

Curriculum	I encourage to check my full resume, to see detail on my work experience.

Links	GitHub, Linkedin, Certificates	**Languages**	English	Fluent	Cambridge Certificate C2 Spanish	Native

Soft Skills	Self-taught Leadership & Team Player	**Tech**	Ruby on Rails	PosrgreSQL HTML	CSS	JavaScript Go	C	Python	Ruby Git	Gitflow	Shell

Professional client applications:

The following projects were built in professional development environments, each with distinct approaches to sprints, Rails app management, stand-up meetings, and client check-ins. In all these applications, I have had the opportunity to be involved in tasks ranging from definition to production maintenance using Heroku:

- *TimeLogger* | As the lead developer, I created a time tracking web application to manage developers time spent on features. The application is currently being used by the developer team at TelosLabs.
- Kublau | Application to manage debit and credit card shipments with clients/banks such as: HSBC, Banco Santa Cruz, Invex, Fondeadora, Deblyn.
- LiraHR | Saas application to have better payroll management.
- *Prediapp* | PWA application built for Chilean no WiFi zones, caching different data from the app through a service worker. The application focus was to manage agricultural fields data such as laboral force, productive system category, biodiversity, plages control, etc.
- GivingConnection | Rails application makes it easy to search for non-profits across all the United States. One of my main contributions here was engineering the search engine for the map, as well as the map behavior, like pins, pop-ups, messages, interactions, etc.
- SimpleDocs | A SaaS application aimed at streamlining contract creation and signing processes. I contributed by integrating and developing a plugin to be used in Word documents to interact with the Rails application.

Lead application Projects:

In the following projects, I took on more of a leadership or guidance role, primarily for students at LeWagon Bootcamp. TimeLogger is also included in this list.

- Anfin | Chilean Saas product to search legal information about citizens in the country by their route. The application recently caught the attention of an investor in Chile, currently has 8 clients. Juan Pedro, the main developer, consults me from time to time to help him with some features.
- Make my Recipe Better - Help inexperienced and/or untalented home cooks.
- B.SEE - Help bikers to have easy access to everything bike-related in their city.
- Seeker - Search for specific products and services on the high-street.
- .SELF - A diary app to keep track of your habits,
- U.SHOP - Find the best coupons in the city.
- DeveloManager - Manage and access all stages of architectural projects.

Personal application projects:

- Akord.me | Mobile first event creator application based on Rails.
- AirBnB clone | Imitate AirBnB architecture but for Music Studios, Rails based
- UberEats Architecture | Command line application using MVC model and mirroring ruby on rails behavior, to manage restaurant orders.
- Watchlist.com | Rails application to bookmark movies.
- Other multiple rails apps | Multiple small rails applications to practice principles and best practices.

Other projects

- Programming Course | Currently building an OOP, design principles, testing in rails, docker, ruby paradigms, algorithm and data structures course.
- Binary Tree with Ruby | Command line binary tree explanation.
- Dotfiles Config | Worked on my terminal dotfiles config files using Shell, Zim and Lua
- Ruby 100 | Build a complete ruby tutorial including Rails, Docker, Testing, OOP, Design patterns, error handling, best practices and more.
- Grading System | Command-line program that grades writing ability. Computed by the Coleman-Liau formula, rounded to the nearest integer.
- Credit Card Detector | Command-line program that receives a credit card number, and returns weather the card is AMEX, MasterCard or Visa.
- Collatz Conjecture | Sequentially applies the Collatz Conjecture to an x
- number and returns how many steps it took to reach integer 1; stores the
- sequence in memory.
- UberEats Architecture | Command line application using MVC model and mirroring ruby on rails behavior, to manage restaurant orders.
- CodeExercises | Multiple code exercises Python, Ruby, C++, JS

Projects since 2017

The following project was carried out as a final degree project. During my high school studies. (I'd be happy to show you the source code, tell you more about the project, and even give you a demo)

*-June 2020: Mobile **MASKS+** application in which users can order face masks and customize them. Made in MIT App Inventor (https://docs.google.com/presentation/d/11KkG2BPk25WhoABlUZKZHfci1vNS-Z6s7dP43dnJiLY/edit?usp=sharing)*

I would like to clarify that during November 2017 I had the opportunity to participate in a Mobile project called TRISQUEL, in which users can study Greco-Latin etymologies. The project was chosen as the best project of the generation. However, I don't have access to the code, but I can still specify a bit more about the project.

Towards the end of 2020, I had the opportunity to carry out a database analysis project with a real database from the **LEGO** company using the **PYTHON** language and its corresponding libraries, as a final project for a class at my University. The final project was exhaustive, but I learned a lot from it, as I was able to better understand data manipulation using this language. https://github.com/daniel-engz/daniel-engz/tree/main/some_code_exercises/PYTHON

As I mention in the resume, I have had the opportunity to make 3 application prototypes with specifications directly from companies such as Coppel, Renata Cosmetics and Fundación Azteca. In which our participation as a team received very good feedback. https://drive.google.com/file/d/127Nf-uSMiOSYKVxdSVkMZ1-71SX5_MVn/view?usp=sharing