

Luis Fer De León

Junior Backend Software Engineer and
Pentester student



College Projects



- Algorift Project Feb 2023 - May 2023
(Unity, HTML, CSS, NodeJS, SQL Server)

A ten-week project, with a five-member team. We developed a 2D Unity game for kids who were interested in learning to code. Also, the game had to be embebbbed in a full-stack web app for client simplicity, managing the game effectiveness

and error handlings. I used built-in and original assets for Unity and I used ExpressJS as the backend framework for APIs. The main goal of this project was to design a solution for non-programmers in order to convince them to follow a coding path by playing an original game.

- Dif+ App Aug 2023 - Oct 2023
(Android Studio, HTML, CSS, Flask, MariaDB)

A ten-week project, with a four-member team (I leaedered it). We developed 3 apps (2 mobile apps and 1 web app) for a local organization called DIF (Desarrollo Integral de la familia). One mobile app handled a client registration for community kitchens, the other one handled a QR sign-in for those kitchens The web app handled an admin central control for those registrations. These optimization allowed users to authenticate wiithout any coordination problems. All 3 apps are connected into an AWS MariaDB database to optimize data handling scalability and Flask as the backend framework for APIs.

Side Projects

- Ramskit
(Python, Fernet)

Ramskit is a CLI command tool for encryption/decryption usages. Ramskit allows users to encrypt/decrypt their data from any CLI terminal (Shell/Bash).

- Yayo's Site
(Markdown, Jekyll)

My personal portfolio where I share all my stuff (Coding/Non-coding). I use a jekyll template and markdown language to build my articles / blogs / wikis.

Contact Info

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Skills

- Python, C/C++, JavaScript, Linux Envs (Intermediate) / Java, C#, Rust (Beginner), Node, ExpressJS and Flask, Git, GitHub / Unity, Android Studio (Beginner)
- I'm a self-enlightment, autodidact person with leadership. Also responsible when making important decisions. I have discipline and the skill to solve problems through critical thinking and active listening. Also I love to challenge myself with problems that need a complex solution, taking myself onto far away from my abilities.

Job Experience



- Comau Automatización SMO

6 Months

HR Trainee, acting as a frontman backend developer jr for an internal vacation's request system. In the proper position I did an SRS (Software Requirement Specification) and also a Gantt diagram, as well as a mockup for the final layout. Also I managed physical and digital archives for employees and I was responsible for recollecting new documentation for new upcoming employees.

Education History

Before College: Centro Escolar del Lago. Aug 2012 - May 2021 (8 years and 10 months)

College: Instituto Tecnológico de Estudios Superiores de Monterrey. Aug 2021 - Present (2 years and 5 months).

Major: Ingeniería en Tecnologías Computacionales (Computer Engineering).