

# Gabriel Estuardo Lemus Pacheco

Systems Engineering and Computer Science Graduate

 Guatemala City, Guatemala

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 gabolemus.is-a.dev

 gabriel-lemus

 gabolemus

## Work Experience

Backend Developer Intern

Kingo Energy

March 2023 – June 2023

- Development of features for the reporting and monitoring of the solar modules.
- Modification of open-source Python libraries to handle I2C, RS485, and LoRa protocols on Orange Pi devices.
- Maintenance of the program responsible for connecting with Ubidots, an IoT platform.

Backend Developer Intern

Terabit

January 2023 – February 2023

- Worked on features for the generation of reports using PHP and the PHPWord library.
- Connection to the MySQL database for data retrieval.
- Development of a REST API for integration with the rest of the system.

Software Engineering Intern

Allied Global

November 2022 – December 2022

- Developed a web app that records the passengers and routes of buses.
- Integrated QR code scanning to record the routes and passengers.
- Worked on service workers to enable offline functionality.

## Projects

Fractal Visualization

Personal Project

- Web app to visualize fractals with different iterations.
- <https://fractal-visualization.web.app/>

Blockchain Simulator

University Group Project

- Web app to simulate and visualize the operation of a blockchain.
- <https://blockchain-sim-test.web.app/>

## Education

Systems Engineering and Computer Science

Universidad del Istmo

January 2019 – November 2023

B.S. in Systems Engineering and Computer Science.

Overall average: 93.39

High School

Colegio Palo Alto

Graduated in October 2018

Baccalaureate in Science and Letters.

## Technical Skills

Programming Languages

JavaScript, TypeScript, PHP, Python, Rust and C++.

Frameworks and Technologies

React, HTML, CSS, Sass, Bootstrap, jQuery and Node.js.

## About Me

“Innovative, task-driven professional with experience in design and development.”

## Languages

Spanish ● ● ● ● ●

English ● ● ● ● ●

## Academic Distinctions

Academic Distinction  
UNIS 2019

Academic Distinction  
UNIS 2020

Academic Distinction  
UNIS 2021

Academic Distinction  
UNIS 2022

## Skills

Web Development

Backend

Databases

MVVM

MVC

APIs

Containers