

# Leonardo David Vergara Márquez

Systems Engineering Student

📍 Barranquilla, Colombia  
☎ +57 3012898047  
@ leovergaramarq@gmail.com

in linkedin.in/in/leovergaramarq  
github.com/leovergaramarq  
leovergaramarq.github.io

## PROFESSIONAL PROFILE

Systems engineering student focused on frontend and backend web applications development. Autonomous, committed and capable of adapting to new technologies. Excellent English management and active participation in the ACM student group.

## ACKNOWLEDGEMENTS

**Generación E - Excelencia -**  
Scholarship that covers a higher education program based on the score obtained in the Pruebas Saber 11 exam.

## LANGUAGES

**Spanish** - native  
**English** - advanced

## REFERENCES

**Miguel Ángel Jimeno Paba**  
PhD, Computer Science and Engineering  
majimeno@uninorte.edu.co

## INTERESTS

Web development | Software architecture | Data science | Video games development

## EDUCATION

### **Systems and Computer Engineering**

01/2019 - To date

Universidad del Norte  
Distinguished Student - GPA: 4.1/5

## ACADEMIC PROYECTS

### **My Planbook**

Mobile application prototype for B2C business model for viewing, subscription and payment of services provided by small and medium-sized companies.  
Flutter

### **C19-Trace**

Website for the visualization of data on the Covid-19 pandemic around the world graphically.  
D3.js / Chart.js / Node.js / Bootstrap / MongoDB

### **The Covid Journey**

Interactive simulator of Covid-19 infections using graph theory and threads.  
Java

### **Bungee Jumping Simulator**

Bungee Jumping risk sport simulator based on the physics of Free Damped Motion involved in this activity. Project part of the GeoExpoFísica 2019 event at Universidad del Norte.  
Processing

## VOLUNTEERING

### **Full stack developer** - EPICS in IEEE

8/2021 - 6/2022

Project that supported the learning of English for people with visual disabilities and high school students through a mobile application. In charge of the frontend and partially in charge of the backend of the school's web platform.  
React / Sass / Flask / Docker

## COMPUTER SKILLS

- JavaScript | React | Node.js
- HTML5 | CSS
- Python | Flask
- Flutter
- Java
- C#
- SQL Server | MySQL | MongoDB
- MATLAB
- Docker
- Git | GitHub

## SOFT SKILLS

- Autonomy
- Logical reasoning
- Commitment
- Self taught learning
- Problem-solving
- Openness to criticism