

# DANIEL ARTURO MORENO RINCÓN

## Systems and Computer Engineer

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Bogotá D.C., Colombia

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## AREAS OF KNOWLEDGE

- Experienced in **React** and its related tools. **Hooks** over classes.
- An engineer who knows both software and hardware. Experienced in **Arduino** and **NodeMCU**, with understanding of **Networks**.
- A programmer who thinks in algorithmic complexity. Experienced in parallel programming tools such as **OpenMP**, **CUDA** and **OpenMPI**
- A developer who takes in design. Skilled with various tools, such as **Photoshop**, **Illustrator**, **Inkscape** and **AutoCAD**.

## WORK EXPERIENCE

### Junior Full Stack Developer

VegaTrack

Nov 2018 – Jan 2019

Worked on maintaining the existing code in **PHP**, using tools as **CodeIgniter** over a **LAMP** stack, destined to the core of the logistics services offered by the company.

## PROJECTS

- **Hash Petshop** - Developed a **linux based** client-server software in **C**, which does fast distinct operations over **+10.000.000** tuples over a local database and handles concurrency of multiple users.
- **SmartFace** - Developed a web app which classifies distinct images implementing a Machine Learning API. Distinct technologies and frameworks were used, such as **React**, **Redux** on Front-End Side and **Express**, **PostgreSQL** in the Back-End.
- **UNparche** - Took part in the development of a web application dedicated to the social events among UN students. Many frameworks and tools were implemented, such as **Vue 3** for the Front-End side, **Express** and **PostgreSQL** for the Back-End side, besides **Google Cloud Platform** services with authentication and APIs.
- **DronesUN** - Took part in the development of a web application that generates distinct drone models in **Inventor**. **React** was used in the Front-End side, **Express** in the Back-End side along a database based in **MongoDB**, as well as a VM instance in **Azure** doing the automatic Inventor response.

## EDUCATION

### Systems and Computer Engineering

Universidad Nacional de Colombia  
GPA: 4.0/5.0

Feb 2016 – Jul 2022

### Neural Networks and Deep Learning

Coursera

Sep 2021

## HOBBIES



### Competitive Programing

I'm frequently involved in many different programming contests, including Codeforces, Atcoder, TopCoder and the local Colombian Competitive Programming League.



### RPGs & Geoguessr

TES, Fallout, Dark Souls and Geoguessr pro



### Football

Just the ultimate football nerd.

## STRENGTHS

Problem Solving

Friendly Speech

Team work

Critical Think

VIM user

Linux preacher

C++ - 4 years

Python - 4 years

JS - 3 years

Java - 5 years

Arduino - 2 years

## LANGUAGES

Spanish

English

Russian



## REFEREES

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Colombian contestant for ICPC World Finals