

# Emmanuel Ramírez Barquero

Systems Engineering Student

I am a creative, responsible, respectful and committed person with the ability to work both in a team and individually, with the openness to have new experiences and learn of them, both in the professional and personal environment.

## EXPERIENCE

### ■ Graphic designer and audiovisual production.

**Liceo Sinaí High School** Pérez Zeledón, San Isidro del General, Sinaí  
June 2017 - 2020

- Creation of designs for the Liceo Sinai High school of t-shirts, logos, posters and advertising.
- Production of videos for the school as advertising media.

#### Tools

- After Effects, Premiere Pro, Photoshop, Illustrator, Lightroom

**Project FIDA (teachers assistant), Universidad Nacional de Costa Rica** Heredia, Costa Rica  
2020 - Actually

- Making designs for the University Project, such as logos, posters, graphic advertising and web sites.
- Production of informative videos for the FIDA project.

#### Tools

- After Effects, Premiere Pro, Photoshop, Illustrator, Lightroom

### ■ PHP DEVELOPER - LARAVEL.

**CR Nube** San José, Alajuela, Sarchí  
February 2024 - May 2025

Company Overview: Outsourcing company specializing in software development.

- Developed a payroll system using PHP and the Laravel framework, incorporating the Moonshine library.
- Applied the MVC architecture by managing routes, controllers, models, and resources.
- Performed basic operations with PostgreSQL databases, including queries and modifications via phpMyAdmin.
- Specialized in FrontEnd development and project structuring while collaborating with team members using Scrum methodology for effective communication and project development.

#### Tools

- PostgreSQL, Laravel, Moonshine, PHP, Laragon, JavaScript, Azure DevOps.

#### Methodology

- Scrum

## EDUCATION

### ■ International Baccalaureate

**Liceo Sinaí High School** Pérez Zeledón, San Isidro del General  
2018

Completion of the International Baccalaureate Diploma Program.

### ■ Computer Application Programming

**Universidad Nacional de Costa Rica** Heredia, Costa Rica  
2020 - 2024

Completion of the Diploma in computer applications programming.

### ■ Systems Engineering

**Universidad Nacional de Costa Rica** Heredia, Costa Rica  
2020 - Actually

I have carried out different projects of courses of my career that help to improve the management of different software and create solutions to certain problems that arise.

Certificates and courses

**Course in Front-End specialization**, taught at the Oracle Next Education (ONE), in 2025.

**Scrum Fundamentals Certified (SFC)**, SCRUMstudy, in May, 2025

**Practical Photography Program**, taught at the Veritas University, in 2019.

**Programming Course with Java for the Development of Basic Level Applications**, taught at the University of Costa Rica, in 2019.

## Email

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## Languages

### Spanish

Native

### English

B1+

## Programming languages

C++, Java, Python, PHP, HTML, JavaScript, CSS, Kotlin

## Design Programs

Figma, Adobe XD, After Effects, Premiere Pro, Photoshop, Illustrator, Lightroom, Blender

## ACADEMIC AND PERSONAL DEVELOPMENT

### • Java and Spring Boot:

I developed intermediate-level desktop and web applications in Java and earned a Java Front-End certification through Oracle One.

• **C++ and C#:** I gained proficiency in C++ and applied C# with .NET to create forms and desktop applications.

### • Web Application Development:

I created a web application with a REST API using Java (Spring Boot) and Ruby.

• **Python:** I gained basic experience in Python through console-based projects.

• **Kotlin:** I am currently learning Kotlin for Android mobile app development.

• **Unreal Engine:** I developed knowledge of using Unreal Engine and Blender for video game development.