

Marco Alejandro Ramírez Camacho

Personal Portfolio | [Personal Github](#) | Bogotá, Colombia
marcoalejandroramirezcg@gmail.com | +57 (321) 433-0135

Education

Undergraduate Degree in Systems Engineering and Computer Science
University of Los Andes, Bogotá, Colombia

January 2022 – Present

Skills

Programming Languages: Python, Java

Web Technologies: HTML, CSS, Bootstrap, JavaScript, Angular

Databases: MySQL, MongoDB, Oracle SQL Developer

Tools & Frameworks: BeautifulSoup, Selenium, Pandas, Numpy, Springboot, Flask, Git, Docker

Other: Systems Analysis, Project Management, Team Collaboration

Projects

Full Stack Web Application with Web Scraping

December 2023

- Developed a full-stack application using Flask for the backend, Angular for the frontend, and integrated web scraping to collect job listings from CompuTrabajos
- Implemented data storage in a MySQL database and visualization using Matplotlib
- Collaborated with a team to design and implement the application

Web-Scraping and Data Visualization

June 2023

- Used the Selenium library in Python to scrape CompuTrabajos website for job listings based on the preferred city
- Collected relevant posts and saved data in a MySQL database
- Visualized data using Matplotlib

Free Room Website

December 2022

- Developed a website for students at Universidad de los Andes to find free classrooms for studying
- Provided a platform for students to search and book available rooms

Work Experience

Teaching Assistant

January 2023 – Present

University of Los Andes, Bogotá, Colombia

- Taught Structural Mathematics and Logic, Object-Oriented Design and Programming, and Transactional Systems to undergraduate students
- Facilitated discussions, conducted lectures, and guided course material
- Covered principles of object-oriented design and programming concepts
- Covered concepts related to transactional systems using Oracle SQL Developer and Mongo DB.

Certifications

Certified Systems Engineer
IELTS 7.0

January 2022 - Present
December 2021

Languages

English: Fluent

Spanish: Native