David Pérez Zapata

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LinkedIn — GitHub

EDUCATION

- **National University of Colombia** — Medellín, Colombia
  Bachelor's Systems and Informatics Engineering; GPA: 4.5/5.0 — *Jan. 2018 – Apr. 2024*

PROGRAMMING SKILLS

- **Languages:** Python, JavaScript, TypeScript **Technologies:** Git, React, FastAPI, Docker, Unity

TRAINING COURSES

- **Coursera** — Virtual
  Introduction to Data Science in Python — *Jul. 2020 – Aug. 2020*
- **Coursera** — Virtual
  Introduction to Machine Learning — *Sep. 2021 – Oct. 2021*
- **Coursera** — Virtual
  Web Design for Everybody Specialization — *Jul. 2022 – Dec. 2022*
- **KubeAcademy** — Virtual
  Kubernetes Core Concepts — *Jun. 2024 – Jul. 2024*

EXPERIENCE

- **National University of Colombia** — Medellín, Colombia
  Assistant student for "Networks and Telecommunications 1" — *Aug. 2022 - Jun. 2023*
- **Factored S.A.S.** — Medellín, Colombia
  Software engineering Intern — *Jul. 2023 - Dec. 2023*
- **Factored S.A.S.** — Medellín, Colombia
  Software engineering employee — *Feb. 2024 - Present*

PROJECTS

- **Educational information system**: A basic program made with Java to control and modify the information related to different language courses like schedule, enrolled students, their grades and the corresponding teacher.
- **Random Dungeon Generator**: Simple prototype of a video game that works with AI pathfinding algorithms to generate rooms and connect them with corridors using a chosen seed.
- **Real estate web page**: Simple web page made with XAMPP, using HTML and PHP integrated with SQL to make queries based on the requirements for this project. The main objective was to evaluate the correct use of SQL language on a simulation of a real project.
- **Employee's internal platform**: Creation, management and maintenance of the Frontend and Backend of a Web application to handle organizational processes and employee's self-service functionalities.

REWARDS AND RECOGNITIONS

- **Competitive Programming Marathon 2021**: I participated with two classmates in a marathon organized by ITM University and Ruta N, finishing at 20th place out of 65.
- **CEO Photography contest 2019, 2021 & 2022**: I participated and won the 3rd, 5th, 6th, and was judge in the 7th photography contests that the CEO (Capítulo Estudiantil de Óptica / Optics Student Chapter) with the collaboration of the SPIE student chapter organizes every year for the students.

ABOUT ME

Hi! I'm David Pérez. Book eater, tech enthusiast, amateur photographer, origami lover, and Systems and Informatics Engineer from National University of Colombia.

My passions have always been related to video games, tech, literature, modern physics, photography and crafts. So that's why my hobbies include going outside with my camera, playing video games (and sometimes learning how to make them), reading fantasy/science-fiction books, learning new tech or physics related topics, doing origami, and watching some series and movies.

I enjoy interacting and learning with new people, particularly in terms of how to communicate and how they perceive my ideas and getting different perspectives. This helps me improve my social skills and fosters my personal and professional growth.