Miguel Angel Nivia Ortega

System and Computer Engineering Student

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Profile

Hi, I am a System and Computer Engineering intern. Throughout my education, I have developed valuable skills in project development and problem solving, focusing on teamwork, effective communication, and collaboration. I can easily adapt to different work environments while maintaining a professional and proactive approach. In addition, I have learned and applied multiple programming languages and technological tools that enhance my ability to innovate. I enjoy coding and tackling new challenges, where I have implemented agile methodologies such as Scrum, XP, and others to optimize development and project management.

Education

- **Mis Años Maravillosos** — Buga, Colombia
  Primary school - Basic education; GPA: 4.8/5 — *Sept 2010 – Jun 2014*

- **Liceo De Los Andes FUNED** — Buga, Colombia
  High school - Secondary education; GPA: 4.6/5 — *Sept 2014 – Jul 2020*

- **Pontificia Javeriana Cali** — Cali, Colombia
  Undergraduate degree in systems and computer engineering; GPA: 4.44/5 — *Jan 2021 – present*

Experience

- **Fundación Casa Colombia** — Cali, Colombia
  Web development Thesis — *Aug 2024 – Dec 2025*
  Development of a web system for the foundation's preventive campaigns, enabling the registration of children, management of medical glasses, and report generation using Excel, JavaScript, and Node.js.

- **Instituto de niños ciegos y sordos** — Cali, Colombia
  Video game development — *Jun 2025 – present*
  Development of an augmented reality video game for children aged 6 to 9, designed to assist professionals in the early detection of visuomotor coordination issues. Implemented in Unity 6 and programmed in C#

Academic Experience

- **2024**: Workshop "Work Equipment" training for addressing related topics in practice and professional life.
- **2023 − 2025**: Emphasis on the systems and computer engineering program focused on video game, animation, and audio development.
- **2023 − 2025**: Complementary to the systems and computer engineering program, it focuses on database management using tools such as SQL, MySQL, MongoDB, and PostgreSQL, and on tools such as AWS.

Achievements And Recognitions

- **2021 − present**: Winner of Special Magis Scholarship.
- **2023**: Winner of the Javeriana logo contest for systems and computer engineering.
- **2024**: Winner of recognition for successfully passing the algorithm analysis and design subject.

Languages

- **Spanish**: Native
- **Englih**: B2

Skills

- **Personal**: Collaboration, effective communication, leadership, teamwork, organization, persuasion, and planning.

- **Languages**: Python(Advanced), C#(Advanced), C++(Intermediate), C++(Intermediate), JavaScript(Basic), SQL(Intermediate), R(Intermediate), HTML(Intermediate), CSS(Intermediate), Excel(Intermediate), Word(Intermediate).

- **Technologies**: GIT, Latex, ChatGPT, VSCode, Google Colab, Unity, AWS.