

# Miguel Angel Nivia Ortega

System and Computer Engineering Student  
LinkedIn

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## PROFILE

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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

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- **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

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- **Fundación Casa Colombia** Cali, Colombia  
*Web development* 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 thesis* 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

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- **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

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- **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

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

## SKILLS

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- **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.