Kevin Gamez

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Education

Universidad de los Andes   Bogotá, COL
MSc in Information Engineering   Expected May 2025
Relevant Coursework: Big Data, Recommender Systems, Business Analytics, Deep Learning, Cloud Development.

Universidad de los Andes   Bogotá, COL
BSc. in Systems and Computer Engineering   Dec 2023
Relevant Coursework: Systems Programming, Data Structures and Algorithms, Business Analytics, Web Development, Mobile Development.

Universidad de los Andes   Bogotá, COL
Minor in Mathematics   Dec 2023
Minor in Management   Dec 2022

Technical Skills & Projects

Programming: Typescript, NestJs, Next.js, React Native, Python, Java, AWS, Linux, Git.
Data: SQL (Postgres), ETL, Python (Numpy, Pandas, Scikit-Learn, Pytorch, Tensorflow).

Deep Learning in Agriculture: Concepts and Applications in Crop Identification Using Satellite Images
Classify crops in Colombia using Sentinel 1 and 2 satellite images. A DeepLab V3+ model, adjusted with MobileNet V3 is used to identify oil palm crops, applying transfer learning to accelerate training. [Repositorio Uniandes](#)

Codefest Ad Astra 2023 - Colombian Air Force
Open source Python library designed to identify objects of interest in videos taken by aircraft, extract entities and news related to the environmental impact in the Colombian Amazon, and classify them. [Github](#)

Relevant Experience

Samsam   Bogotá, COL
Product Engineer   Feb 2024 – Mar 2025
- Developed and deployed features across multiple platforms, including shopper and merchant applications.
- Designed and implemented scalable front-end and back-end solutions using TypeScript, React Native, Next.js, Prisma, and PostgreSQL.
- Refactored core backend services, improving performance, reliability, and maintainability of the e-commerce platform.

Universidad de los Andes   Bogotá, COL
Graduate Teaching Assistant   Jan 2024 – Feb 2025
- Assisted in the design and development of lab exercises and course materials. Managed course content and facilitated administrative tasks to support smooth course execution.

Skills & Interests

Language: Spanish (Native) and English (Professional).
Interests: Swimming, trail running and running, especially long distances.