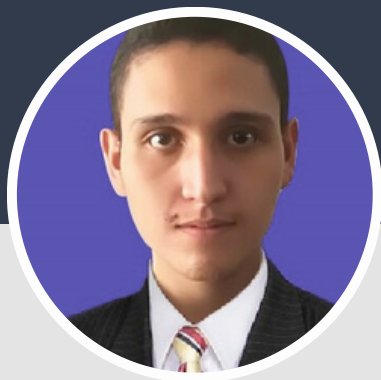


# DAVID ALBERTO GUZMÁN

SYSTEMS ENGINEER & SECURITY ANALYST



## CONTACT

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Cali, Colombia

www.dalbert.site

## SKILLS

- Artificial Intelligence (ML, DL, Generative AI)
- Python (PyTorch, TensorFlow)
- Relational Databases
- Project Management (Agile)
- Leadership & Communication
- Critical Thinking

## LANGUAGES

- Spanish (Fluent)
- English (Intermediate)
- French (Basic)

## INTERESTS

- Software Development
- Cybersecurity Research
- AI/ML Projects
- Chess and Strategy Games
- Jogging



## PROFILE

Systems Engineer specializing in secure, scalable AI solutions. Experienced in implementing cybersecurity best practices aligned with ISO 27001 for cloud-based financial systems handling sensitive data. Passionate about applying machine learning and generative AI to create innovative, high-performance applications that improve decision-making and deliver measurable business results.



## WORK EXPERIENCE

### TSI S.A.S

2022 - PRESENT

Software Developer & Security Analyst

- Built and deployed AI models for data imputation and natural language processing.
- Implemented secure AI-driven applications following cybersecurity best practices and ISO 27001 guidelines to protect sensitive financial data.
- Developed and maintained financial applications (Angular, .NET Core/Framework, Node.js) and optimized relational databases for leading Colombian financial institutions, including Banco de Occidente, Bancóldex, Banco Santander, and Bold.
- Collaborated with cross-functional teams to integrate AI solutions into business processes, improving decision-making and operational efficiency.

### Multimedia and Computer Vision Lab

2025 - PRESENT

Research Assistant

- Led BioSentinel-UV to the finals of CopernicusLAC Panamá Hackathon 2025 (Disaster Risk Reduction), developing an AI solution for segmentation and classification with validated geospatial and scientific data.
- Integrated computer vision models into the BioSentinel-UV web app and optimized algorithms for real-world multimedia systems in collaboration with researchers.



## EDUCATION

### Systems Engineering

2019 - 2024

Universidad del Valle

GPA: 4.74 / 5.0

### Administrative Assistant

2017 - 2018

Servicio Nacional de Aprendizaje (SENA)

GPA: 4.5 / 5.0