

GABRIEL DE JESÚS ALEMÁN RUIZ

ELECTRICAL ENGINEER

Gabriel de Jesús Alemán Ruiz

Bachelor's Degree in Electrical
Engineering

Graduated within the specialization
in Computers and Networks

I hold a Bachelor's degree in Electrical Engineering from the University of Costa Rica, with an emphasis in Computers and Networks, and I am currently pursuing a Licentiate degree in Digital Electronic Control, alongside a specialization in Web Design and Development.

My professional experience is centered on control systems and industrial automation. As a Project Engineer, I have developed and implemented Human-Machine Interfaces (HMIs), SCADA systems, databases, and network management solutions. I also have extensive hands-on experience programming PLCs and designing, testing, and deploying industrial control systems, ensuring efficient, reliable, and scalable operations. In addition, I completed an internship as a Data Scientist, where I enhanced my programming and data analysis skills in Python, C, C++, JavaScript, HTML, CSS, and SQL.

I am particularly passionate about embedded systems, digital electronics, and hardware description, with an interest in synthesis and verification processes. I am motivated by the potential of automation, artificial intelligence, and data-driven technologies to create impactful solutions that address real-world challenges.

I would welcome the opportunity to bring my academic background and practical experience in control engineering and automation to your organization. Thank you for your time and consideration. I look forward to discussing how my skills can contribute to your team.

Sincerely,
Gabriel de Jesús Alemán Ruiz
