



About Me

Electrical Engineer with experience in embedded systems development, focusing on hardware design and bare metal firmware. Have worked in the automotive industry, specifically with agricultural machinery, printed circuit board design and ARM family microcontrollers.



Education

BS in Electrical Engineering

2020 - 2025



Contact



Brazil



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Skills

Hardware Design



Bare Metal C



DSA



Build System



Linux



GNU Tools



C/C++



Go Lang



Work Experience

Stara S.A.

2024-Present

Hardware Analyst

- Designed medium-complexity electronic boards
- Developed medium-complexity firmware
- Developed Electronic Control Units (ECUs)
- Responsible for create symbols and footprints in the Altium library

Stara S.A.

2022-2023

Hardware Internship

- Assembled and soldered electronic boards for initial testing
- Designed low-complexity circuit boards
- Developed low-complexity firmware
- Cataloged a variety of electronic components



Portfolio

Find my projects in: github.com/slemanz