

Gerson Ferreira

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BSc student in Computer Engineering at UEFS, with a strong background in Linux systems, Free and Open Source Software (FOSS), and a focus on low-level solutions.

= Projects

2025 – Present **RASM – RISC-V Assembler & Ecosystem**
Development of an assembly language and tools for RISC-V architectures, focusing on low-level software experimentation for robotics.

= Experience

Freelance **Independent Systems Programmer, Self-employed**
Built compilers, graphics engines, and operating system components for personal research projects and small contracted tasks.

= Education

2022 – Present **BSc in Computer Engineering, State University of Feira de Santana (UEFS)**

= Languages

- **English** :: Advanced (Reading, Writing, Speaking, Listening)
- **Spanish** :: Basic (Reasonable Reading and Listening)

= Certifications

- **Python Essentials 1 & 2** :: Cisco Networking Academy
- **JavaScript Essentials 1** :: Cisco Networking Academy
- **Multi-application Development with Docker** :: UEFS
- **NDG Linux Essentials & Unhatched** :: Cisco Networking Academy