

Esteban Huertas Gutiérrez

- *Location:* San José, Costa Rica
- *Email:* estebanhuertas02@gmail.com
- *Phone number:* +506 8387-6899
- *Portfolio:* www.estebanhuertas.xyz
- *GitHub:* github.com/SuckDuck

Profile

Self-taught software developer, focused on systems programming, 3D graphics, and tool development. Professional experience in industrial automation. Knowledge and experience in C/C++, Python, and JavaScript.

Projects

PuppetStudio – Minimalist web-based 2D skeletal animation editor

C, WASM

Features:

- Creation, editing, saving, and loading of puppets
- Creation, editing, saving, and loading of animations
- Export of animations in MJPEG-AVI format
- Rigid skinning
- Virtual camera

[Web application](#) · [GitHub repository](#)

3DGB – Game Boy emulator for Nintendo 3DS

C

Experimental Game Boy DMG emulator for Nintendo 3DS with support for custom colors and stereoscopic 3D graphics rendering.

[GitHub repository](#)

Experience

Electromaz – San José, Costa Rica

Sales → Integration Technician → Engineering Assistant

2021 – Present

- Sales and technical consulting of electrical and industrial products
- Integration of control panels and industrial automation systems
- PLC programming for automation tasks
- Configuration and communication of industrial equipment using standard protocols
- CAD design of parts and components for machining, laser cutting, and 3D printing
- Internal technical support

Education

Industrial Electronics Technician

CTP San Sebastián, San José, Costa Rica

2020

Technical Skills

- C, C++, Python, C#, JavaScript, Lua
- Bash, SQL, Git, Make, GDB, Linux

Languages

- *Spanish*: Native
- *English*: Intermediate–Advanced – Fluent in technical reading and documentation