

Jose Daniel Garcia Carrillo

Street – Fort Collins, Colorado – United States

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🌐 www.website.com

TODO.
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Education

- **Colorado State University** Fort Collins, CO
Graduating May 2022
 - **Relevant Coursework:** Software Engineering, Operating Systems
Algorithms and Optimization, Low Level Programming
- **CETI Colomos** Guadalajara, Jal
Graduated May 2018
 - **Relevant Coursework:** Digital Circuits, Instrumentation, Technical Drawing, High Power Circuits, PLCs, Microcontrollers, Pneumatics, Hydraulics, Process Controls, Industrial Robotics, Industrial Calibration, Thermodynamic Processes

Technical Skills

- **Programming Languages:**
 - Procedural Bash, C, Matlab
 - Object-Oriented Arduino, C++, C#, Java, JavaScript, Python, MicroPython, VB
 - Functional Lisp, Elisp, L^AT_EX
- **Libraries and Frameworks:**
 - Computational Sage
 - Web Based ReactJS, NodeJS
- **Mechatronics:**
 - Microcontrollers Pic, Atmel, Xtensa, ARM
 - PLC Allen Bradley, Sismatic
 - Communication Protocols SPI, CAN, I2C, I2S, BLE, WiFi, RS232
 - Other Skills 3D printing, SMD soldering, Electronics Diagnostics, CNC Routing, Pneumatics, Hydraulics, Automation
- **Software:**
 - Automation and Design FluidSIM, AutoCAD, RSLogix, EasyEDA
 - PLC Allen Bradley, Sismatic
 - Other Photoshop, Linux based OS, Emacs, Windows

Notable Projects

- **Smart Watch** v1.12.2 Released Jan 2021
🌐 www.csuscheduler.com
 - 🔍 RetroDISTORT/Smart-Watch
 - Esp32 based Smart-Watch
 - PCB Layout, Schematic, Code.
- **Dawn and Dust** v1.12.2 Released Jan 2020
🌐 www.csuscheduler.com
 - 🔍 RetroDISTORT/Dawn-and-Dust
 - Android game made with game maker studio.
 - Top-down-view puzzle game with google play achievements.
- **Boo Bot** v1.12.2 Released Jan 2020
🌐 www.csuscheduler.com
 - 🔍 Shizcow/BooBot
 - Raspberry Pi based robot.
 - PCB layout, Schematic, code, Twitch interface.
- **RF Transmitter** v1.12.2 Released Jan 2020
🌐 www.csuscheduler.com
 - 🔍 RetroDISTORT/RF-Transmitter
 - Arduino RF433 data transmitter.
 - PCB, Schematic, Communication protocol, and Source Code.
- **Platformer Game** v1.12.2 Released Jan 2020
🌐 www.csuscheduler.com
 - 🔍 RetroDISTORT/Platformer-Game
 - Base code for platformer game written with game maker studio
 - Basic collision, movement, power-up, and costumaization.

- **Neural-Network**
 -  *RetroDISTORT/Neural-Network*
 - Costumizable Deep Feed Forward Neural Network
 - Source code written in rust. Variable input/output lenght, and costume number and sized hidden layers.
- **Personal-Websitr**
 -  *RetroDISTORT/Personal-Website*
 - Opensource Website
 - Written using rust.

v1.12.2 Released Jan 2020

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