

RONALD CORONA

Software Engineer

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🌐 <https://ronald-murex.vercel.app/> _ _

XP

Embedded Software Consultant

Anthropocene Motors

📅 August 2022 - February 2023

- Developed the software for a new kind of brushless DC motor.
- Elevated the motor's speed to more than 500% of its initial value.
- Engineered an automatic coil-winding machine to aid the creation of motor prototypes.

Senior Software Engineer

Volley

📅 Nov 2021 - Mar 2022

- Worked on libraries, tooling, and infrastructure for voice games that operated on Amazon Alexa and Google Assistant.
- Wrote plugins to track data for analytics, obtain consent from users for their data.
- Rewrote Find My Phone. Optimized the average dialogue by 9%.

PROJECTS

[bloodblaze](#)

📅 May 2021 - current

- Lag-compensated 2.5D multiplayer sandbox shooter
- Mobile and desktop friendly

[nunisynth](#)

📅 Mar 2020 - May 2021

- Node based audio modular synthesizer
- Released on Gumroad for Mac, Windows, and Linux. Automatic updates.

[lambdacalceval](#)

📅 Oct 2019 - Nov 2019

- Developed a lambda calculus evaluator with optional reduction step viewer.

SKILLS

- JavaScript
- TypeScript
- CSS/SCSS
- HTML
- Node
- Python
- Bash
- Java
- C++
- Arduino
- IOT
- Linux
- AWS
- GCP
- Web Audio
- Three.js
- React, Svelte
- Electron
- Firebase
- VSCode
- Terraform
- Kubernetes
- Advanced Web Querying
- ChatGPT

[codewars](#)



January 2018 - current

- Author of 18 approved CodeWars challenges.
- In the top 0.1% of users.