

# Alonso Ramírez De Pablos Velez

## Profile

Electronics and communications engineer with a wide variety of knowledge in multiple projects of the electronic industry.

## Academic background

Electronic and communications engineer 2020  
Universidad de Guadalajara (CUCEI)

## Work experience

Audio and light Technician 2016-07 - 2019-03  
Room 46

- Cabling, calibration and maintenance of audio systems and lights
- Monitoring behavior of diverse systems based on software focused on lights and audio
- Determine the most optimal arrange to maximize the area in which the sound spreads
- In case of technical failure, fix said problem as quickly and efficiently as possible.
- Creating original audio samples and Mashups using DAWs like Ableton Live and FI Studio 12

Debug Technician Skills 2021-02 - 2022-03  
Flex (Flextronics)

- Providing feedback to the production line related to the multiple issues that might be presented in the boards.
- Using schematics, TestExpert and Allegro to locate the reason behind a certain issue in the boards.
- Using X-ray machine (DAGE) to locate imperfections in the soldering of certain components.
- Writing FA reports of critical issues in the boards and present them to the engineering team for replacement of highly expensive components or processing units for scrap.
- Worked in multiple projects like: Amazon, Ciena, Quantum, WatchFire, Philo, Arista and Cisco.

## ►► Contact

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Location: Guadalajara, Jalisco, Mexico.

## ►► Languages

|          |              |
|----------|--------------|
| English  | Fluent       |
| Japanese | Intermediant |
| Spanish  | Native       |

## ►► Projects:

Team leader in the development of an intelligent electric wheelchair with obstacle detection and energy saving system in real time based on the user's weight, as well as a user interface implemented on a touch screen to move the chair in different directions.

## Portfolio Page:



[portfolio-ae1rdfiom-zsensors.vercel.app](https://portfolio-ae1rdfiom-zsensors.vercel.app)

## Process Technician Skills

### **Flex (Flextronics)**

- Reflow oven and curing oven profiling
- Setting up parameters of different machines like: DEK, Siplaces, Routers and wave solder machines
- Constantly monitor the current processes of the pcbs, and in case a pcb malfunctions at a certain point of the production line locate the root cause of the issue and inform the ingeneering team

## Software and Web development skills:

- Experience with HTML, CSS, JavaScript
- Experience in React.js
- Experience in React Native
- Node.js
- Next.js
- Knowledge in TDD and Agile methodologies

## Skills

- Proven ability to manage time and objectives
- Leadership qualities
- Ability in presentations and communication in audiences
- Knowledge in digital and analog circuit design
- Committed and responsible
- persevering at solving problems