

Diana Santillana Fernández

Electronic engineer

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Experience

Test Technician

Inspection

Apr. 2023 to July 2023

Technical support of the inspection machines as x-ray, aoi and spi. Preventive maintenance of the machines.

Intern at Flex

Inspection

Oct. 2022 to Apr. 2023

Inspection engineering work for PCBA's. Improve the algorithms of the inspection machines and make excel files to report the results.

Community manager

Volunteering

Aug 2022 to present

Management social networks for OFMI (Olimpiad Femenil Mexicana de Informática) inside OmegaUp.

Electronics business

Independent

Apr 2021 to Sep 2022

TV repair and maintenance.

Education

Universidad Autonoma de Aguascalientes

Electronic Engineering

Aug 2018- June 2023

Skills

Programming

C++/Pic assembler, PQRS, vhdl, Arduino, Ladder PLC, HTML, CSS, Javascript, Java, Python, React, Github, Tailwind.

Languages

English B2

Software

Windows, UNIX.

Office

Word, Excel and PowerPoint.

Measuring tools

Multimeter, voltagesource, oscilloscope, signal generator, SMD and THT soldering, inspection machine (AOI, SPI, X-RAY).

Design

Adobe Ilustrador, KiCad, Ultiboard, Canva, Cadence.

Simulation

Proteus, LTspice, Multisim, LabVIEW.

Courses and certifications

Tecnolochicas Pro (Fundación Televisa y Microsoft)

Programming html, css, github and javascript.

March 2023 - April 2023

Hackademy (Skills for women in tech)

Programming bootcamp (html, js, css, react, github) Frontend developer jr.

July 2023 to present

Oracle Next Education (ONE)

Programming course (html, js, css, react, github) Frontend developer jr.

January 2024 to present