

PAUL GONZALEZ

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EXPERIENCE

JAN 2024 - CURRENT

SELF EMPLOYED

- Teaching my self coding through Harvard's CS50 and The ODIN Project
- Feel free to check out my website <https://www.paulgonzalez.dev/>

JUNE 2022 – DEC 2023

MANUFACTURING ENGINEERING TECHNOLOGIST LINCOLN ELECTRIC

- In charge of purchasing and setting up a new conformal coating line. This included one Nordson SL940 spray coat machine and UV-9 Oven
- In charge of setting up new automated through hole line. This includes 1 Cencorp DIP placement machine, 2 Universal axial machines, and one universal radial machine.
- Developed wave soldering profiles on new ERSA wave soldering machine.
- Implemented continuous improvement processes such as Six Sigma, lean manufacturing, and kaizen.
- Worked with research and development to complete prototypes on time.
- Supported two ERSA wave soldering machines, two spray coat lines, one through hole inserter line, 3 Cencorp machines, and one automatic heat sink assembly robot.
- Worked with quality assurance to improve quality defects they find.
- Worked with outside companies and maintenance team to resolve machine issues.
- Worked with production team to fix issues and help keep production running.

JUNE 2021 – MAY 2022

MANUFACTURING ENGINEERING INTERN, LINCOLN ELECTRIC

- First contact for conformal coating line and two wave soldering machines
- Develop new programs to increase quality and throughput.
- Work with operators to improve their work centers safety and quality.
- Create new work instructions and operating procedures

FEB 2019 – MAY 2021

QUALITY ASSURANCE INTERN, LINCOLN ELECTRIC

- Audit work centers for correct procedures.
- Repaired \$50,000 in damaged boards.
- Work with manufacturing engineering to improve processes in the electronics factory

EDUCATION

JUNE 2022

BACHELOR OF APPLIED SCIENCE IN MICROELECTRONIC MANUFATUCRING,

LORAIN COUNTY COMMUNNITY COLLEGE

3.61 GPA with Honors

SKILLS

- Proficient in Outlook, Excel, Word, SAP
- Work well in a team and independently
- Listens Attentively
- Hardworking
- Multi-tasking
- Accepts Responsibility