

Angel Davila

Contact Information

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Summary

Innovation award winner who developed multiple efficiency improving software's which helped Keyence save money and time. Led a team of Engineers on multiple testing jig designs along with the development of training material for internal technicians.

Work Experience

Failure Analysis Engineer II

Keyence Itasca, Illinois

January 2016 - Present

- Developed over 100 fault tree analysis documents which are being used by Keyence affiliates worldwide
- Created countermeasure designs which reduced circuit failures on multiple Keyence products
- Worked closely with Application Engineers to create application re-designs
- Led a team of engineers to designed automation software and testing jigs using C++ and Python
- In charge of developing training material and classes for Keyence technicians
- Innovation Award – September 2017

Software and Hardware Technician

ProSys Hoffman Estates, Illinois

July 2013 - Feb 2016

Job Description

- Communicated daily reporting and data analysis
- Designed and configured product images for all AT&T assets
- Developed new SOP's documentation for new processes
- Communicated and coordinated project activities with internal team members

Achievements

- Created over 50 new processes improving the efficiency of the department
- Created the standard image used for AT&T's Apple products

Education

Southern Illinois University, Carbondale, Illinois

2016 - 2020

Electrical Engineering

Software

- Unreal Engine 4
- Visual Studios
- AutoCAD Electrical
- Autodesk Eagle / CADSTAR
- Microsoft Office
- MATLAB

Programming Languages

- C++
- Python

Languages

- English (Fluent)
- Spanish (Fluent)