

CURRICULUM VITAE OF SANTOS REYES

November 2021

I. General Information

A. Position Mechanical Engineer
Semke Forensic
11545 W. 183rd Place, Suite 111
Orland Park, Illinois
Telephone: 708-478-4000

II. Professional Summary

A. Education: Bachelor of Science
Mechanical Engineering
Southern Illinois University - Edwardsville
Edwardsville, Illinois
2014

B. Experience:

March 2021 to Present

Position: Mechanical Engineer
Semke Forensic
11545 W. 183rd Place, Suite 111
Orland Park, Illinois

Responsible for mechanical engineering projects with emphasis in vehicular accident reconstruction, failure analysis, and mechanical design analysis.

June 2017 to February 2021

Position: Senior Refrigeration Design Eng.
Polyscience
6600 W. Touhy Avenue
Niles, Illinois

Responsible for the design, 3D modeling, prototype construction, lab testing, regulatory compliance, and production implementation of natural refrigeration systems in fractional horsepower chillers, benchtop chillers, and circulator baths.

May 2014 to May 2017

Position: R&D Design Engineer
True Manufacturing
O'Fallon, Missouri

Responsible for the design, 3D modeling, prototype construction, lab testing, regulatory compliance, and production implementation of refrigeration systems in commercial and residential refrigerators and freezers.

December 2012 to August 2013 / December 2013 to January 2014

Position: Production/R&D Co-op
True Manufacturing
O'Fallon, Missouri

Assisted in writing Bill of Materials, Product Change Notices, prototype construction, and analyzing LabVIEW Data for commercial and residential refrigerators and freezers.

III. Seminars and Technical Courses Attended

2019 - Embraco Natural Refrigerant Webinar
2021 - Drone Pilot Ground School Training Course
2021 - Bosch® CDR Tool Technician Training by IPTM

IV. Professional Affiliations

American Society of Heating, Refrigerating and Air-Conditioning Engineers
(ASHRAE)
American Society of Mechanical Engineers (ASME)

V. Professional Registration

FAA Certified Unmanned Aircraft System (UAS) Pilot