John P. Serafin

Experience: Ford Motor Nashville Glass Plant   1971 to 1974

Coop assignment while enrolled at Tennessee Technological University with rotations among Automation, Process Control, and Q departments.

Ohio State University Electroscience Lab   1975 to 1979

Research Associate while enrolled in the School of Engineering

Lockheed Missiles and Space   1979 to retirement in 2020

1979 to 1993 Simulation, modeling, and analysis of various satellite communication systems.

1993 to 1999 Non Destructive Testing software development with emphasis on computed tomography.

1999 to 2005 Participated in HIRDLS instrument development, integration, and test.

2005 to 2006 NIRCam test plan development.

2006 - Mar 2020 Develop test software into production data reformatter for SOT and XRT instruments on Hinode spacecraft and develop, deploy, and maintain the reformatting pipeline.

2007 - Mar 2020 Participated in development and operation of low to middle level AIA instrument data processing pipeline.

2013 to Mar 2020 Same for IRIS.

Oct 2020 – Feb 2025, Senior Research Scientist, Bay Area Environmental Research Institute.

Mar 2025 to present, Senior Research Scientist, SETI.

Education: BSEE Tennessee Technological University 1975
MSEE Ohio State University 1979