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# LARRY SCHNEIDER

## OBJECTIVE

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To earn a Ph.D. in Electrical Engineering with a concentration of academics and research in Electromagnetics/Photonics which will allow me to re- enter the Defense Industry as a specialist in stand-off remote sensing and detector technology. To obtain tools in analyzing far-infrared and microwave electromagnetics. To perform research in the Department of Defense laboratories.

## PROFESSIONAL EXPERIENCE

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[1997-2006 ] Lockheed Martin Corporation Orlando, Florida

*System Staff Engineer*

- System's Lead to Commercial Project designing a millimeter wave detector, prepared program reviews (PDR and CDRs), software reviews, generated Requirements and Interface Control Documents, responsible for developing a simulator, lead Integrated work groups
- System's Engineer generating Requirement and Interface Control Documents for Advanced Precision Kill Weapon System program.
- System's Engineer lead (Cost Account Manager) for System Engineering Requirements and Analysis activities for Comanche Program
- System's Engineer for TRACER/FSCS generating Requirements and Interface Control Documents, responded to Contract Data Requirements List (CDRLs), Sensor Representative in England for generating Production System Optical Subsystem Requirements
- System's Engineer for Chaparral missile, responsible to generate requirements for the Continuity Tester and prepare the program for Program Design Review (PDR)
- Lead System Engineer for Image Processing Unit (IPU) Program to document Requirements and conduct reviews for image processor to be used on the International Space Station Japanese Experimental Module

[1996-1996 ] Osceola District of Schools Kissimmee, Florida

*High School Math Teacher*

- Taught dual enrollment courses- College Algebra and Trigonometry

[1991-1996 ] Valencia Community College Kissimmee, Florida

*Math Professor*

- Taught basic math, intermediate and advanced math, College Algebra
- Worked on Title IV grants

[1985-1991 ] Lockheed Martin Corporation Orlando, Florida  
*Electrical Staff Engineer*  
• Electrical Engineer lead for image processor for Strategic Defense Initiative program.

## EDUCATION

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[ 8/1974-6/1975 ] University of Iowa  
*No Degree/Zoology*  
[ 8/1975 ] St. Joseph's University Philadelphia, Pennsylvania  
*No Degree/Psychology*  
[ 1/1976-12/1976 ] Northern Virginia Community College Annandale, Virginia  
*No Degree/Architecture*  
[ 1/1977-1/1978 ] University of Florida Gainesville, Florida  
*No Degree/Civil Engineering*  
[ 5/1978 ] Santa Fe Community College Gainesville, Florida  
*No Degree/Criminal Justice Technician*  
[ 5/1979-6/1980 ] University of South Florida Tampa, Florida  
*Bachelor of Arts/Criminal Justice*  
[ 1/1982-12/1983 ] University of Florida Gainesville, Florida  
*Bachelor of Science/Electrical Engineering*  
[ 1/1984-12/1985 ] University of Florida Gainesville, Florida  
*Master's of Engineering/Electrical*  
[ 1/1993-4/1996 ] University of Central Florida Orlando, Florida  
*No Degree/Mathematics*  
[ 1/1998-12/2001 ] University of Central Florida Orlando, Florida  
*No Degree/Mathematics*  
[ 1/2010-Current ] University of Central Florida Orlando, Florida  
*No Degree/Optics*  
[ 1/2008-Current ] University of Central Florida Orlando, Florida  
*No Degree/Electrical Engineering*

## PROFESSIONAL MEMBERSHIPS

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INCOSE – International Council on Systems Engineering  
SPIE – The International Society for Optical Engineering  
IEEE - Institute of Electrical and Electronic Engineers

## SECURITY CLEARANCE

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Secret – Defense Security Service (Debriefed 7/27/2011)