

**LEE SILBERKLEIT**  
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(425) 681-2575

## **EXPERIENCE**

- ProPower, Inc, Petaluma, CA** 10/98 – Present  
**Owner / Principal Engineer:**  
Engineering consultant specializing in switch mode and linear power supplies, electronic design analysis, Spice modeling, agency certifications, grounding issues, EMI troubleshooting and filter design. Recent projects include Stress, Worst Case and Radiation tolerance analysis, resolving grounding issues and part of a multiyear design team for a space level DC-DC converter system to power a Hall Effect satellite thruster.
- Mackie Designs, Woodinville, WA** 5/97 – 10/98  
**Analog Engineering Group Lead:**  
Accountable for leading the development of new audio mixers and related products for high volume manufacturing. Involved in all aspects of product definition, scheduling, design, qualification testing, and agency certifications for US and international markets. Group was also responsible for sustaining engineering on existing analog products.
- Interpoint Corporation, Redmond, WA** 4/94 - 5/97  
**Engineering Lead, New Product Development**  
Engineering Lead: Directed a group of design engineers in creating a standard product line of high density, hybrid, (and surface mount), DC-DC converters/filters. Single to quad output, 1.5W to 200W. Managed the development schedule, outside vendors, and the coordination of the design team with various internal functional groups. Created definitions, as well as overall technical direction, for new product family.
- Sr. Design Engineer** 4/89 - 12/92  
Sr. Design Engineer: Designed and tested custom, hybrid, high frequency, switch-mode power supplies and EMC filters. Responsibilities covered all aspects of program including initial bids and proposals to customer, electrical design, thermal analysis, mechanical drawings, and EMC compliance per DO-160, and MIL-STD 461.
- Microsoft Corporation, Redmond, WA** 12/92 - 4/94  
**Sr. Hardware Engineer, (Certification and Test Engineer):**  
Responsible for FCC, UL, CSA, CE, ESD and TUV certifications for hardware products. Test Engineer duties included modification, manufacture, and maintenance of Hardware and Software to support testing of Microsoft products in US, Asia and Europe.
- Ivan Lee Productions** 1/96 - Present  
**Owner / Engineer / Producer / Composer:**  
Musician / Studio owner with numerous live groups and recording works. Since 2010 performing acoustic musician and project studio owner releasing 4 solo and CD's.

## **EDUCATION**

**University of Washington** Seattle, WA  
**M.S.E.E. / B.S.E.E.** March 1989

## **COMPUTER SKILLS**

Windows and Mac OS, Pspice, IsSpice, Mathcad, LT Spice, some Orcad, Microcap, Office, Logic Pro, Pro Tools

## **ACTIVITIES**

Music, Walking, Travel, Pets