

Rhodes Hileman
6551 Holly Terrace South
Seattle, Washington, 98118-3439

206 760 8619
www.smsys.com
rhodes@smsys.com

ENGINEERING MANAGER

OVERVIEW OF QUALIFICATIONS

- Distinguished and diverse background with emphasis on startup team development, operations management, engineering services, and design team support.
- Team oriented, insightful management professional with broad technical knowledge, highly developed organizational talents, and collaborative leadership style.
- Inventive designer with proven skills in the design of printed circuit assemblies, mechanical devices, databases, and operations procedures.
- Articulate communicator with demonstrated ability in technical writing, editing, and tutoring, as well as facilitation of working meetings for engineers.

PROFESSIONAL EXPERIENCE

SMALL SYSTEMS

Berkeley and Seattle
1997 - present

Designer/Producer/Owner

Providing design and production services, engineering documentation, technical writing, and management consulting to an international list of clients. Founder.

GIGAOPERATIONS

Berkeley, California
1991 - 1997

Director of Manufacturing

Created and managed operations, inventory and purchasing, manufacturing, and engineering documentation. Brought two generations of product from concept to market. Member founding team and board of directors. This team produced advanced high speed parallel processing hardware using field programmable gate arrays (FPGAs) as reconfigurable computing engines. Their compiler turns C code into hardware state machines.

ARRAY TECHNOLOGIES

Oakland, California
1986-1991

Dir. of Operations, Dir. of Engineering, Mfg. Engineer

Provided engineering development environment for a high fidelity color digital camera. Brought two product lines from concept to market. Member of founding team. Responsible for building this company in its first year, on a budget of \$650K, from a staff of 6 to 14. Sited the company, purchased all computers, test equipment, and electronic components, and hired engineering staff. Directed the engineering effort for both the hardware and software side of the product. Designed a tightly integrated PCB and mechanical product, including a piezo-microstage, for service as a high fidelity color digital camera. Expanded engineering team and moved to new site.

GENIGRAPHICS GP

Berkeley, California

1984-1986

Engineering Operations Manager, Project Manager

Created a team of 35 staff and a half dozen consultants. Responsible for all engineering services, including development program planning, purchasing, technical support, documentation, and liaison for design contractors. Created and administered a development budget of 2.2 million dollars. We produced a hierarchical object-based graphic arts "paint" system featuring three pipelined 68020 CPU cards providing resolution independent output to all media.

TECHNICAL SUMMARY:

CASE & CAD tools for electronic, PCB, mechanical, and architectural design. Enterprise database design, MRP systems design, and components purchasing. Computer systems integration, network installation, and systems administration. WinNT4, OS/2, Unix, DOS. Internet site design. Programming languages: Java, Perl, Bash, assembly. Electronic fabrication, assembly, and testing. See www.smsys.com/resumes/software.html for complete software listing.

EDUCATION:

Antioch College, Yellow Springs, Ohio. *B.A. Degree in Bioregional Design*
North Seattle Community College, Seattle, WA *Unix, Bash, Perl, Java, Cisco*

PUBLISHED MATERIAL:

Choosing a Display Card for OS/2 and Linux, Extended Attributes, the magazine of the OS/2 community, February 1999, Phoenix, AZ.

See <ftp://ftp.smsys.com/pub/vidchips.99>

Forests are a Community, Forest Trust Quarterly Report, October 1999, Santa Fe, NM. See www.theforesttrust.org

INTERESTS:

Sailing, flying, wilderness, architecture. Design methods.