

# Virgil L. LaFerney

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## SUMMARY

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During my 29 years of IT experience I have acquired extensive experience architecting and managing large, complex UNIX and NT systems. I have designed and installed multiple Data Centers while supervising technical staff. My hands-on expertise extends from network architecture and client/server configuration to software development and enterprise-wide production system administration. I also possess excellent vendor negotiation, troubleshooting, oral and written communication skills. Expertise in:

UNIX System Administration	NT/Win2K System Administration
<b>Certification:</b> Solaris 2.6 System Administration	NT/Win2K Domains – installation and configuration
Sun E10,000 (E10K) Configuration	NT/Win2K/XP Servers and Workstations
High Availability Fail-over Clustering (E10K)	MS Exchange Servers
A-5200 fiber disk arrays	IIS Web Servers
Veritas NetBackup	Client/Server configuration
Veritas Volume Manager	
Netscape/Apache Web Servers	

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## PROFESSIONAL EXPERIENCE

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### AT&T Texas Local Systems - Western Local Platform Senior System Administrator

2/00 – 6/02

Administered SUN 2 E10,000's in a production environment. Systems included 6 domains in each frame with complete fail over redundancy via SUN Cluster software to alternate frame. Each domain was attached to A-5200 fiber disk arrays that included over 7 Terabyte of disk storage. Also supported numerous E6500's, E6000's and E450's in both a production and development environment. Provided connectivity via local network to routers located in our data center and was responsible for IP allocation and DNS configuration assignments for all servers including UNIX, NT/Win2K servers and workstations. Provided primary backup administration using Veritas NetBackup V3.3 for all servers using fully loaded StorageTek 9710, 9714 and L700 Library Storage Modules. Lead Tech for local and remote data center security and worked closely with Corporate Security through audits to adhere to all policies and guidelines. Provide WEB administration for several groups including WEB server administration on both UNIX and NT platforms

**AT&T CONSUMER BILLING SYSTEMS**  
**Lead System Administrator**

7/96 - 2/00

Comprehensive Tier III UNIX System support of all local UNIX/NT servers. Primary LAN Administrator for 50+ servers running UNIX SVR4, NCR UNIX, Solaris (2.5, 2.6, and 2.7), NT 4.0 on a variety of platforms including AT&T, NCR, SUN, SGI, Compaq. Provided local Network Administration including DNS, LAN segmentation, data connectivity to AT&T's UGN ring, router configuration and configuration of smart hubs. Member of regional network monitoring team that provided in depth analysis and trouble tracking of network problems. Managed UNIX and IIS Web Servers for several Developed custom HTML pages for several regional websites. Technical lead on large nationwide MS Exchange server implementation project.

**AT&T CUSTOMER SUPPORT INFORMATION SYSTEMS**  
**Lead System Administrator**

2/92 - 7/96

Managed a computer lab consisting of 12 UNIX and 14 NT servers supporting over 500 users. Provided backup Administration for UNIX servers located multiple cities. Provided LAN wiring, hub installation and maintenance, Etherswitch installation and monitoring, LAN segmentation analysis and design. Operation, maintenance, problem solving, and trouble isolation of LAN, which included 4 separate domains. Designed, installed and upgraded LAN Manager, UNIX/NT Operating Systems, and PC. Responsible for all user and system backups, including custom backup utility programming on all UNIX servers. Installation, scheduling, and monitoring of backup software on new NT server systems. Tier III responsibility for physical Lab, LAN, UNIX/NT servers, and PC security. Primary Mail Admin for both UNIX and MS Mail platforms.

**AT&T COMPUTER SYSTEMS**  
**System Programmer /Analyst - Lead System Administrator**

2/88 - 2/92

System design, configuration management, programming, system integration, documentation, customer training and maintenance of custom software applications using my vast experience with the UNIX Operating System. Was responsible for the development, deployment and user training of several custom software applications, including City of Dallas permit tracking system; City of Houston Office-Tele-System; Southland Corporation tenant tracking application; Zale's Jewelers point-of-sale application.

**AT&T COMMUNICATIONS (Network Systems)**  
**System Administrator**

7/79 - 2/88

Responsibilities included the acceptance, System Administration, maintenance and analysis of over 20 Mini-computers within the computer center. Systems included the Hewlett Packard 2000 processor, a line of STRATUS 1605 duplex processors, and the DEC, (Digital Equipment Corporation), PDP11/34, PDP11/45, PDP11/70 and VAX 11/780 processors; AT&T 3B20S, 3B20D, 3B5 and 3B2 processors; AT&T Datakit 2000 VCS processor. Played a direct roll in all phases of construction for three computer centers while supervising 17 Computer Technicians.

**AT&T COMMUNICATIONS (Long Lines)  
Operations Supervisor**

1/76 - 7/79

Managed the provisioning, maintenance and quality control of all types of Private Line Data Services including data, voice, DDS and Wide Band Data. Created the first "Chronic Data Group" for AT&T Network System in the nation.

**AT&T LONG LINES  
Communications Specialist**

3/73 - 1/76

Assisted customers in analyzing their private line data and or equipment problems while operating specialized test equipment. Gained expertise with all types voice and data circuits, including DDS and Wide Band Digital circuits.

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**SPECIALIZED TRAINING**

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**Specialized Educational Courses**

SUN 2.x System Administration I & II \* SUN 2.x Advanced Server Administration \* SUN 2.x Network Administration \* SUN Veritas Volume Manager \* SUN Java Programming (JDK) \* SUN Enterprise 10,000 (E10K) Administration \* SUN Enterprise Cluster Administration \* BMC Patrol Installation and Administration \* MQ Series \* Microsoft MS-Mail Administration \* Microsoft NT 3.51 and 4.0 Server Administration (CORE) \* Microsoft Exchange 5.5 Server Administration \* Microsoft TCP/IP for NT 4.0 \* Sybase Installation and Administration \* Oracle Installation and Administration \* INFORMIX SQL, ESQL/C \* Informix 4GL \* C Programming Language \* UNIX Shell Programming \* UNIX Operating System Internals \* UNIX SVR4 System Administration I & II \* UNIX System Files and Processes \* UNIX Document Preparation \* UNIX Internal Process Communications \* UNIX Tools \* UNIX "CRASH" Administration and Evaluation \* UNIX SCCS/Make \* UNIX UUCP and Internal Communications strategy \* Systems Analysis and Design

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**FORMAL EDUCATION**

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**Bachelors Degree - (BBA) Business Administration**

Concentrations in Marketing and Management  
Texas Wesleyan University - Fort Worth

**Associates Degree - (AS) Computer Science**

Concentrations in Mini and Micro Computers  
Tarrant County College - Fort Worth

**Masters Degree – (19 hours - in progress)**

Concentrations in Computer Science  
Texas Wesleyan University - Fort Worth

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