ALI CHETTIH

MERRILL LYNCH
Global Information Services/System Architect.   1988- 1991

-        Founding member of Quality Assurance Unit: Developed quality management program, evaluation of business and system performance. Management of Technology Service Center: in charge of Management Reporting. Developed and implemented performance measurement systems and directed system modeling effort: Modeling and trend analysis studies (system availability, response time, network traffic, ...) for overall system performance and planning of advanced office automation. Management and successful implementation of an emergency procedures/disaster recovery for the data centers and the network. Developed "The Red Book" plan for an MVS/ESA and NET/IDNX environment. Tasks performed:

- Identification, priority rating of critical applications and automation of existing procedures;
- Coordination with hot and contingency sites, extensions to international operations;
- Testing, documentation, and updates.

-        Conducted a major study on an Electronic Distribution of account information. Specifications, architecture alternatives, and recommendations were proposed.

AT&T BELL LABORATORIES

Lightwave System & Services Planning/Member Technical Staff-System Engineer   1984-1987

-Network design and modeling of Digital Networks. Addressed primarily fiber optic transmission issues and performed transport efficiency studies. Involved in technical planning for Domestic and International network services. Planned and evaluated future architectures. Major tasks include:

- Bypass networks. Designed private networks for large customers; optimal choice of transmission technology, network configuration, and allocation techniques;
- 2.048Mb/s Service. Transport alternatives of the European CEPT signal on the US continental Network;
- Cost modeling, transport analysis, and performance studies on fiber optic systems (417Mb/s and 1.7Gb/s).

PAPERS

1"A Genetic Algorithm Method for Combinatorial and Location Problems." — May 1998.
2"3-Level Hierarchy for Multi-Facility location Problems." The Naval Logistics Research Quarterly — July 1997.
3"New results for the Occupation Problem." The American Statistician — March 1996,
4"Renewal Application to Availability Measurement." TIMS/ORSA National Meeting, Nashville, TN May 12-15, 1991.
5"Location Selection Problems, Simple and Multi-dimensional Models." ORSA/TIMS National Meeting, Washington, DC April 25-27, 1988.
6"Locational Problems." ASA Winter Conference, San Antonio, TX Jan. 6-8, 1988.
7"The Simple Location Selection Problem: A Statistical Approach." The Naval Logistics Research Quarterly.
8"Integer Stochastic Programming With Binary Decision Variables," PINY - ORSA Department, — Spring 79.
9"Etude de fiabilité d'un réseau de transport d'électricité par cables et poteaux," Université d'Alger - Département de Mathématiques, June 74.

ALI CHETTIH

OTHER

Certificates as Java programmer, Java Developer, and Java Architect (in progress) Sun MicroSystems and WebSphere Developer tools IBM Education. UML and RUP certification.

- Certificate in Object Oriented programming, C++, New York University School of Continuing Education
- Military service 10/75 - 9/77. Taught courses in Statistics and Probability at military school for engineers. Developed statistical packages for the School Computer Center.

- Analyst 10/77 - 1/78 at ECOTEC (Engineering Co.) Planning for the DP Center and conducted feasibility studies.

- Analyst 11/73 - 9/75 at SONELGAZ (Public Utility Co.) Experience in the design and analysis of large business systems. Conducted project evaluations, and developed decision support systems to assist top Managers.

IBM Training Center - Diploma in COBOL programming language.

Very strong UNIXTM , C, C++, and awk, programming skills. Statistical modeling and data Analysis with SAS, S, and the New S language. Excellent programming in FORTRAN, simulation languages with SIMSCRIPT (discrete) and DYNAMO (continuous). Expertise in troff and TEX. Extensive use of Microcomputers (DOS, Windows, and Apple System) and Workstations (UNIX, Sparc, AIX, and various X11R5-6 window Systems.)

Member of INFORMS (Operations Research & Management Sciences), the Institute of Mathematical Statistics, the American Statistical Association, the Metropolitan New York Chapters of the American Statistical Association and The Institute of Management Sciences, TUG (TEX Users Group), and NYPC User Group.

- Fluent in Arabic and French, working knowledge and conversational Spanish.
- Former board member of Algerian American National Association.
- Freedom Writer for Amnesty International.
- AYSO certified soccer coach.