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GUY A. SIMONIAN
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OBJECTIVE

Software Engineering position in a firm that will provide opportunities in management and marketing.

EXPERIENCE

Hi-G, Incorporated
Windsor Locks, Connecticut
SOFTWARE ENGINEER
January 1982 to Present

Participated in sales calls to major accounts as technical representative. Defined customer requirements and resolved system integration problems to meet marketing objectives of an 800 unit order to Pitney Bowes. Maintained software on a new printer used in a 600 units national network for Truck Stops of America. Developed printer operating firmware using Z80 Assembler language and an HP 1630 Logic Analyzer. Verified all new operations prior to production line incorporation. Specified, designed, and implemented a factory quality acceptance plan for electronic and electro-mechanical components of the printer product line using microprocessor based testing devices under which operational characteristics, interface protocols, and functional features of each unit were qualified for final acceptance. Authored several technical manuals in printer operation for customer use.

Charles T. Main, Incorporated
Boston, Massachusetts
ENGINEERING APPLICATIONS PROGRAMMER
November 1978 to December 1979

Software models using FORTRAN, CMS, and PANVALET on an IBM 370 were developed under OS/VS1. On-line applications were programmed using CICS communications software. Developed and implemented a generalized "Cost of Service Allocation System" that served as a model of a target region whose operating constraints and power distribution capacities were under evaluation by utility companies. Comprehensive cost of service and rates of return were calculated on the basis of three prerogatives; geographical region, service classification, and cost-causative components (e.g., fuel cost adjustments). Also enhanced several systems using plotter output for graphical presentation of results. Other programs maintained included component reliability analysis, optimum cutting pattern determination (lumber industry), geological stability analysis, and flood forecasting.

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ADDITIONAL EXPERIENCE

Authored a Title IV publication under the auspices of the Capitol Region Education Center and the Talcott Mountain Science Center entitled, "A Three Year Plan for Achieving Computer Literacy in Public Education."

Programmed catheter laboratory report generators for the UMASS Medical Center in PASCAL on a DEC 11/70 under RSX 11M.

EDUCATION

1982 Rensselaer Polytechnic Institute

M.S. Electrical Engineering 3.3/4.0 GPA

For my thesis project, I designed and constructed a Display Message Center which had two hardware components:

1. Microprocessor driven computer board
2. Logic controlled display panel matrix using diode emitters and TTL logic.

Following construction, the system was programmed to display text and graphic messages.

1976 Tufts University

B.S. Engineering

Activities: Dorm Council President, Symphonic Band President, Chess Club President, National Ski Patrol

Health excellent. Relocation possible.

References available on request.