Guy A Simonian

EDUCATION

1976

Tufts University
B.S. General Engineering
Studies included FORTRAN and BASIC
programming on the DEC-10 and PDP-8.

HARDWARE
& SOFTWARE

IBM 370/168, 145, DECSystem-10,PDP-11/70
OS/MVS, VS1, JCL, FORTRAN, PL/1,
CMS, PANVALET, TSO

EXPERIENCE

November 1978
to Present

Charles T. Main, Incorporate
Boston, Massachusetts
Scientific Programmer
Salary: $17,000

Accomplishments included the design of
new programs and the maintenance of
existing programs. Software models
using FORTRAN IV, CMS, and PANVALET
on an IBM 370/145 system under OS/VS1.
On-line applications utilize CICS
communications software.

Design, programming and implementation
accomplishments include the total develop-
ment of a generalized Cost Allocation
Study. This system, developed in FORTRAN
and implemented on the IBM 370/145 under
OS/VS1, performs a cost of servicing
analysis for a geographical market.
Charles T. Main has marketed this product
at $30,000 per package.

Currently involved in developing a Utility
Load Forecasting System utilizing BDAM
files. Enhanced a series of other modeling
and analysis systems using FORTRAN and in
some cases, plotter output for graphical
presentation of results. Applications
included component reliability analysis,
optimum cutting pattern determination and
reporting, geological stability analysis,
flood forecasting modeling and hydrological
engineering and reporting systems. Minor
programs(sorts) were written in PL/1.

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EXPERIENCE (continued)

May 1978   Electronics for Medicine, Incorporated
to Present   Sudbury, Massachusetts
(part time)   CONSULTANT

                                        Provide report generation program
                                        modifications to meet the needs of
                                        individual user locations of the
                                        UMASS medical centers. Programming
                                        is performed in PASCAL on the DEC
                                        PDP 11/70 under RSX-11M.

September 1977   John Hancock Insurance Company
to May 1978   Boston, Massachusetts
                                        PROGRAMMER

                                        Provided new programming and program
                                        maintenance using PL/1 and OS/MVS JCL
                                        with structured programming techniques
                                        on the IBM 370/168. Personally
                                        developed the Draft Verification program
                                        utilized by Group Insurance and performed
                                        a variety of PL/1 program and OS/MVS JCL
                                        maintenance applications for Group
                                        Systems.

                                        Completed the format in-house training
                                        in OS JCL, PL/1, and Structured
                                        Programming techniques.

September 1976   High School
to June 1977   TEACHER