Bruce M Bush – Software Solutions - Fortran

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WHAT CAN I DO FOR YOU?

- I bring unique capabilities to companies that need a little help with their legacy Fortran programs.
- I can resolve difficult bugs, add features, teach modern Fortran, port Fortran to C, and create mixed language interfaces.

ACHIEVEMENTS

Fortran Compiler Writer

- Wrote compiler and runtime code for several Fortran 77 compilers for over 20 years.
- Lead developer of LF90, a Fortran 90 implementation.
- I resolved the difficult problems submitted to Technical Support.

Mixed-language Programmer

- Designed and implemented RealWin, a product that used C interfaces to allow Fortran programmers to write Windows programs.

Fortran Programmer

- Lead developer of a 660,000 line Fortran 95 program.
- Lead developer of the main compiler products of Lahey Computer Systems
- Lead developer of water monitoring and treatment computer systems

SKILLS

Computer languages

- Fortran 90-2008, Fortran 77, FORTRAN IV, C++, C, Assembly, PHP, HTML, Ruby, Rails, Python, etc.

Other:

- Quick Books, TurboTax, Microsoft Office, Quicken, SQL, Windows, Linux, IOS, etc.

EXPERIENCE

Indowsway Software / Software solutions
RealWin, Fortran programming and consulting, 1996 – present

Lahey Computer Systems, Incline Village, NV
Fortran compiler writer, CTO, VP Development, 1976 -1996

Johnson Controls, Santa Ana, CA

Systems Analyst, Systems Engineer, 1979 – 1982

EDUCATION

University of California, Irvine
BS - Information and Computer Science, June 1979

Coleman College, San Diego, CA
AS - Computer Science, October 1976

Mesa College, San Diego, CA
First Fortran 77(pre-release) class, 1976