

# STEVEN M. MURPHY

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## SUMMARY OF QUALIFICATIONS & EXPERIENCES

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- **Experienced, award winning programmer and software engineer**
  - 30+ years of programming experiences, building solutions using 30+ programming, and scripting languages. History of completing large projects on-time, and within budget.
  - 20+ years of Unix/Windows administration experience.
  - 10+ years of management experience, in various roles: sales, marketing, support, and QA
  - Company representative in international Standardization projects for CAECO, Motorola, and E-Tools; Authored, reviewed & implemented large, complex standards with fully conforming tools.
  - 2006 Tenzing Norgay Interoperability Award to E-Tools for my one-man open-source project, "Liberty Parser".
- **Trained engineers and programmers in Linux administration, programming, source code control & methodologies, etc, in Rwanda and Russia.**
- **Developer, tester, and support engineer for dozens of new products and solutions, generating millions of dollars of revenue.**
- **Managed/authored software projects/solutions ranging from 10K-300K+ lines of source in a variety of different programming languages**
- **Product, Solutions, and business development research analyst, exploring Public Key Infrastructure, cheap telecommunications, and VOIP technologies in Africa.**
- **Open Source project contributor and participant in the to Kinyarwanda (Rwanda) translation Coordinator, Asterisk, several others.**
- **Fluent in English, Conversant in German**

## IT & COMPUTER LANGUAGES, SYSTEMS

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C, C++, Java, PHP, Perl, Tcl, Forth, Basic, Pascal, Modula-2, Fortran, Cobol, PL/I, Algol, Expect, Scheme, Common Lisp, Emacs-Lisp, Prolog, APL/360, Assembler for several different CPU's, Shell script, Python, Javascript, and dozens of other formats, eg. Sendmail CF format, sed, gawk, Makefile, Csh, regex, etc. Tools: gdb, gcc, bison, yacc, flex, MS VC++ IDE, Bonjour/mDNS, MySQL, SQLite, etc. Operating Systems: SunOS, Solaris, HPUX, AIX, VAX, DOS, MacOS, IBM, Linux (RedHat, Ubuntu, Debian, Fedora, and others).

## PROFESSIONAL EXPERIENCE

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2009-2010

ParseTree Corp

Cody, WY

***Software Developer, Consultant, President***

*Various small projects doing new product development for various companies, anywhere from financial transaction gateway interfacing to internationalization/localization systems for PBX related projects, web sites, etc. Research for possible Air Force contracts, etc.*



## **EDUCATION**

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BS in Electrical Engineering, Brigham Young University, 1985  
*Minors in Math and Computer Science.*

Mission, Church of Jesus Christ of Latter Day Saints, Munich, Germany, 1979-1981

## **PROFESSIONAL MEMBERSHIPS**

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Institute of Electrical and Electronic Engineers (IEEE)

Association for Computing Machinery (ACM) Computer Society

**REFERENCES:** Available on Request

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## **INVOLVEMENTS**

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- EDIF Schematic Technical Subcommittee Chairman, 1987-?
- Boy Scouts of America—(involvement spans over 20 years)
  - Scoutmaster in Utah, Texas, and Wyoming.
  - District Chair, several other roles.
- Free Software Projects—Several! Asterisk, Bison/flex, gdb, etc.
- Hobby projects—GEDCOM, Genealogy editor, database merge utility, TIGER data viewer, web page email obfuscation, software defensive weapons, email spam filtering, educational, geometric puzzle solving.