James F. Jones

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Cumming, GA 30041

ABOUT ME

I love to create! It is the best feeling when I am able to provide tools and insight that helps others reach their objectives faster and with better quality. I am patient and understand how to balance short term needs while working towards long term goals.

EXPERIENCE

Staff Engineer   since 2003
Arris Incorporated, Lisle, Il and Suwanee, GA
C4/E6000 CMTS CLI Team
- Design and implementation of Cisco compatible command line interface in C++ on VxWorks.
- Implementation of DOCSIS Device Classes feature.
- Introduced TDD and automated developer test rig using Perl and Ruby.
- Replaced inefficient and aging costly toolset using Java on Netbeans.
- Worked on fault talerant and system redundancy using Rhapsody.

Senior Engineer/Team Lead   1997 - 2002
Nortel, RTP, NC
Signalling Service Group SS7
- Assisted in design and implementation of fault handling and system fail-over for Nortel's Signalling System 7 product line.
- Introduced "Double Choco Latte" for bug tracking.
- ISO 9001 training and documentation team member.

Member of Scientific Staff   1997 - 2002
BNR - Nortel, RTP, NC
DMS-10
- Designed and implemented ISDN display protocol using SL-1.
- Y2K bug fix.

Conscripted child labor for "Medical Parents"   1981 - 1986
Lexington Medical Center
- Worked as "administrative assistant" for my father.
- Made it through too many Spaghetti dinners while my parents discussed that days "interesting" medical cases.
- Using C=64 computer, Quick Brown Fox cartridge, and a tape datasette, transcribed lecture notes from my fathers nursing classes.

COMPUTER SKILLS

Languages & Software: C/C++, Perl, Java, Ruby, Clearcase, Git, GNU, Netbeans, Vim
Operating Systems: Windows, Mac OS X, Unix, VxWorks
Protocols: DHCP, TCP/UDP, DOCSIS 2.0, DOCSIS 3.0

EDUCATION

Bachelor of Science, Computer Engineering
Bachelor of Science, Electrical Engineering
North Carolina State University, 1996
Vice-President, Eta Kappa Nu, 1995
President, Eta Kappa Nu, 1996

EXTRA-
CURRICULAR
ACTIVITIES

I am a 4th KYU (White) Belt Aikido (Aikido student).
Board and Video Game Geek.
Reading "Hacker News" and investigating different software development/test paradigm.