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 tool-set using Java on Netbeans.
- Worked on fault tolerant and system redundancy using Rhapsody.

Senior Engineer/Team Lead 1997 - 2002
Nortel, RTP, NC
Signaling Service Group SS7
- Assisted in design and implementation of fault handling and system fail-over for Nortel's Signaling 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.

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.