

James F. Jones

2910 Saddlebrook Glen Dr.
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.

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.