

## James F. Jones

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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 and 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.