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# Jay Miller

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References available upon request.

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## Experience

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2001–Present      Antera Storage      Louisville, CO

### Software Engineer

- Designed and developed a VFS filter driver for part of an SRM solution
- Created NAS cluster with virtualized backend storage via iSCSI/NBD
- Prototyped a kernel level metadvice layer with RAID-5 respanning
- Some web interface programming (i.e. PHP, Perl, and so on)

2000–2001      Tricord Systems      Westminster, CO

### Software Engineer

- Linux-based file systems:
  - Bug hunting in company's own file system driver (FSD)
  - FSD porting research (2.2 to 2.4) - complimented by Alan Cox!
- Design/setup/administration of ~50 node Linux/NT/Solaris network
- Miscellaneous socket level network utility programming

1998–2000      StorageTek Corp.      Louisville, CO

### Software Engineer

- Linux-based file systems:
  - Member of a small file system research and design team
  - Extensive 'StkFS' prototype development
- Windows NT filter driver research, design and development
- Created various benchmarking and coding utilities
- UNIX-based porting:
  - Ported group product from LynxOS to Linux and Solaris
  - Ported Internet Software Consortium DHCP to LynxOS
- Administered several Linux development boxes

1996–1998      CARL Corp.      Denver, CO

### Junior Programmer (Intern)

- Designed and implemented product-wide security/crypto scheme
- Windows 16- and 32-bit API programming:
  - Designed and implemented several stand-alone DLLs
  - Fixed various bugs in released versions

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## Education

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1995–2000      University of Colorado      Boulder, CO

- B.S., Computer Science (12/1999)
- B.A., Philosophy (12/2000)

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## Skills / Interests / Certifications

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- C; also PHP, C++, Perl
  - Security/Cryptography
  - File Systems/Kernel Level
  - TCP/IP Programming
  - Linux/BSD/Solaris Admin
  - RHCE #807001203002974
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