Jay Miller

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References available upon request.

Experience

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 metadevice 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

Education

1995–2000 University of Colorado Boulder, CO
- B.S., Computer Science (12/1999)
- B.A., Philosophy (12/2000)

Skills / Interests / Certifications

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