

Jonathan D Proulx
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Work History

Systems Administrator
MIT CSAIL (formerly AI)
Jan 2000 - Present

- developed automatic installation and distributed maintenance system for GNU/Linux workstations
- designed and maintained high performance compute cluster using OpenMosix
- Install and maintain turnkey cluster systems (IBM Power4 cluster running AIX, multiple linux clusters on ia32 architecture)
- Participated in major infrastructural move to new facility including data center design specification, network design (1.4Terabit core, individual links upto 30Gb, all edge drops 1Gb), coordination and physical move of servers and services
- Administration and configuration of general Unix based services (sendmail, exim, bind9, isc dhcp, apache, cyrus IMAP, lprng, cups, nfs, nis, afs, kerberos5)
- Direct user support
- Participated in planning and implementing the merger of AI and LCS computational and network infrastructures

Special Project
Coordinator
City of Pawtucket, RI
May 1999 - Oct 1999

- Manage City wide telecom systems including Y2K, PBX s, wiring, billing, etc.
- Coordinate implementation of City of Pawtucket wide area computer network
- Support Public Works desktop computers, user training, hardware specification, technical support, Y2K issues

Recycling Coordinator
City of Pawtucket, RI
Jun 1993 - Oct 1999

- Budget management for four Public Works divisions (\$2.75 million /yr)
- Monitor and optimize collection efficiencies
- Constituent education and problem resolution

Selected Skills

Operating systems

AIX
ExtremeWare (extremenetworks switches)
IOS (cisco switches)
Irix
Linux
Mac OS9
Mac OSX
Solaris
SunOS
Tru64
Windows

LoadLeveler

OpenMosix
OpenPBS
PBSPRO

General Services

Apache
Bind9
CUPS
Cyrus
Exim
ISC DHCPD
Kerberos5
LPRng
NFS
NIS
OpenAFS

ProFTPD

QuickRestore

Radius

Sendmail

TiBS (backup software)

Languages

C
Lisp
Perl
Python
Ruby
Scheme
Shell

IPv4

IPv6

OSPF

STP

TCP

UDP

VRRP

Cluster Technologies

BProc
Beoboot

Network Protocols

802.1q VLAN