

Allen S. Rout

EDUCATION

1996 BS Computer Engineering, University of Florida

EXPERIENCE

MARCH 2014 -
Present:

Linux Platform Services Team Lead, with University of Florida IT.

Position In Addition To Other Duties. Project and team management for central Linux infrastructure services. 11 team members. No authority, just responsibility.

MARCH 1997 -
Present:

Systems Administrator/Programmer 4, with University of Florida IT.

Work duties are the design, implementation and maintenance of enterprise services, especially backup and DR services.

The largest single aspect of this work is a campus-central Tivoli Storage Manager installation. As of early 2014 this comprised some 1000 nodes. We were then backing up approximately 5TB nightly and approximately 750TB total primary occupation.

I managed all aspects of this service for about 12 years, including: planning, design and implementation of local and remote DR facilities; cost analysis, budgeting, prediction and chargeback calculations; customer contact and education.

Work duties at this position have also included: Design and implementation of configuration management (CFEngine, Puppet) for enterprise systems; participation in design of University directory services; participation in design and implementation of UF's first Single Sign-on, "GatorLink", dating back to 1997; design and implementation of central LDAP services; design and implementation of enterprise authentication middleware.

2001 - *Present:*

Partner and principal consultant, Allevé Consulting

Part time consulting work for various systems administration and web programming and design clients.

FALL 1994 - 2001:

Consultant on internet presence to the President's Office, University of Florida.

Advised the Associate Vice President for University Relations on web and internet issues. Implemented contact-management database for President's Box guest list.

Work included the design and implementation of the first online University of Florida Calendar, production run from January 1996 to December 2003.

TECHNICAL SKILLS

LANGUAGES:

PERL, shell, Python, R, C, Java, PHP

OSes:

Linux (Red Hat, RHEL, Gentoo, Ubuntu); AIX; Solaris; old HP-UX,

CONFIG MGMT:

CFengine, Puppet, NIM

AUTHORING

Emacs, Org-mode, L^AT_EX, Docbook

VC

Git, SVN

STORAGE

ADSM 2.1 through TSM 6.3, EMC, Isilon, Data Domain, VNX

PERSONAL INFORMATION

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