

# Allen S. Rout

## EDUCATION

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1996 BS Computer Engineering, University of Florida

## EXPERIENCE

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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

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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<sup>A</sup>T<sub>E</sub>X, Docbook

VC

Git, SVN

STORAGE

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

## PERSONAL INFORMATION

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