

Luke J. Sheneman

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Education

University of Idaho, B.S. in Computer Science, May 1995

University of Idaho, Ph.D in Bioinformatics and Computational Biology, *In Progress*

Experience

PhD Student and Research Assistant – University of Idaho

06/02 – *present*

I am currently a funded research fellow in the field of bioinformatics and computational biology, studying the limits of progressive multiple sequence alignment and the application of genetic algorithms to sequence alignment and phylogenetic inferencing.

Infrastructure Architect – Inktomi Corporation

08/00 – 05/02

I was an infrastructure architect working in business applications and operations teams to deploy a reliable, secure, scalable, and highly-automated corporate computing infrastructure. I deployed LDAP services and applications, integrated LDAP into legacy systems including UNIX/NIS, NT domain authentication, physical security, and various internal web applications. I authored several web applications and deployed and customized the internal defect tracking system used by product engineers across the organization.

Information Systems Manager – Bigvine.com

06/99 – 07/00

I was the technical manager responsible for architecting, deploying, and supporting the entire internal computing infrastructure at Bigvine.com, a Silicon Valley e-commerce startup financially backed by Kleiner Perkins Caufield & Byers and American Express. I managed a team of six systems administrators while successfully deploying LDAP, e-mail, calendaring, intranet and VPN services. Our team grew the company from 20 employees to over 200 while successfully handling issues of scalability, redundancy, and adhering to a strict policy of open-standards technology adoption.

Senior IT Architect, IT Manager, Systems Administrator – Netscape Communications

05/96 – 06/99

I was a member of the IT architecture group at Netscape, providing direction and vision for the complete internal IT environment. My responsibilities included evaluating new hardware and software systems, product benchmarking, recommending internal IT standards, and working with engineering to deploy Netscape products internally. I deployed beta and RTM versions of Netscape Messaging Servers 3.5, 3.52, and 4.0 and worked with product engineering to improve Netscape server products prior to shipment.

Operating Systems

Windows NT/2000/XP, Linux, MacOS 10.x, Solaris, IRIX, HP-UX, FreeBSD

Languages

C/C++, Perl, Python, HTML, XML

Organizations

ACM Professional Organization (President of UI Student Chapter 1993-1994)