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OBJECTIVE

Obtain a challenging leadership position applying creative problem solving and fine management skills to achieve optimum utilization of resources and maximum output.

EXPERIENCE

USDA-ARS, Ames, Iowa

IT Support Specialist

September 2009 - Present

As the lead developer and web designer for Soybase.org I develop and integrate the back-end and front-end technologies required by the soybean research community. I also provide technical support and guidance in the development of the USDA's collective online resources pertaining to crop field data, bioinformatics data and experiment-specific data. I am also a charter member of a national, agency-wide effort to advise on the usage of agency resources for the collective benefit of the research community.

Primary Project

Soybase.org

We serve over 2500 unique visitors per month.

I work closely with stakeholders and curatorial staff to ensure project goals and community needs are addressed and met in a timely fashion.

I develop and present project plans and outlines for specific project goals.

I write and deploy custom code including creating custom data visualizations for complex biological data.

I update and improve existing code base and add functionality to externally developed projects.

I advise curatorial staff on data repository architecture and technical issues relating to data storage and retrieval and post-doctoral candidates in developing supporting documentation and web resources for publication.

Coach House Gifts, Ames, Iowa

Software Developer

March 2007 - October 2007

At Coach House Gifts I worked as a software developer and database developer. I developed custom software for Point Of Sale systems, including software enable a web based application to control computer peripherals, such as a cash drawer and a bar code scanner.

Technologies: Linux, Apache, MySQL, PHP

DBA Kevin H. Feeley Technical Services, Grand Junction, Iowa

Owner

December 2001 - September 2009

SKILLS & TECHNOLOGIES

Project Planning

Strategic Planning

Process Improvement

Policy Development

Business Planning

Negotiation

Facilitation

Leadership

Conflict Resolution

Customer Support

Client Relations

Public Speaking

Sales

Systems Administration

Systems Migration

Network Administration

Network Design

Telecommunications

VOIP

Information Design

Data Mining

Data Warehousing

Data Modeling

Data Visualization

Database Design

Page Layout

Graphic Design

Layout Design

Web Design

Web Development

Front-End

Back-End

Linux/Unix

Windows

As the Owner/Operator of this home-based business I focused on PHP development, graphic design, web design and Content Management System projects for clients. Clients projects exposed me to a range of challenges including Natural Language Processing and machine code interpretation for the graphical rendering of embroidery patterns for client preview.

Technologies: Linux, Apache, MySQL, PHP

Toons/LemCo Productions, Inc., Kelley, Iowa

Technical Support and Outside Sales

December 2005 - July 2006

Toons, the Cartoon Newspaper, is a perennial favorite in Ames, Iowa, both on and off the Iowa State University campus. At Toons I provided technical services such as server construction and installation, employee training, purchasing recommendations and addressing security and troubleshooting issues as needed. As well, I develop the marketing materials used by outside sales personnel, various other graphic design projects, marketing development and outside sales.

Technologies: Linux, Mac OS X

Beacon Microcenter, Ames, Iowa

Senior Network Engineer

August 2001 - October 2001

As the Senior Network Engineer at the Ames, Iowa location I was responsible for maintaining client relations, addressing client technical requirements and developing new client proposals.

Technologies: Windows Server, NetWare Server, Cisco Routers, Cisco Switches, Linux

VARmint Systems, LLC., Ames, Iowa

Leading Partner

December 2000 - June 2001

As a Leading Partner in this multi-tenant high-speed Internet installation firm I was responsible for developing a workable business model, developing a marketing strategy and marketing materials, vendor relations, outside sales and technical development of tools and solutions needed for implementation of DSL and Wireless technologies in a variety of settings.

Technologies: Cisco Routers, Cisco Switches, Cisco DSLAM, Cisco Wi-Fi

Casbar Communications, Ames, Iowa

Network Design Specialist

October 2000 - December 2000

As the Network Design Specialist for this Wi-Fi startup in Ames, Iowa I was responsible for developing a business model, project management, network design, location audits and the technical aspects of various business and sales proposals.

Technologies: Juniper Routers, T3 WAN circuit, Cisco Wi-Fi Access Point, Apple Wi-Fi Access Point

ANE, Johnston, Iowa

Senior Network Engineer

April 2000 - October 2000

As a Senior Network Engineer for this network support contract firm in Johnston, Iowa I took on a broad client base. During my tenure with ANE I was involved with network design, large-scale network migration, advanced network design implementation, security and systems audits, development of technical aspects of sales proposals, and ensuring maximum up-time for a customer base residing heavily in the financial sector and health care sector. I also acted as a liaison between clients and various vendors such as

Server
Desktop
Mac OS X
Cloud Services/AWS
Directory Services
NAS
Networking
Wide Area
Local Area
Wi-Fi
Fiber Optics
DSL
ISDN
POTS
Switching
Routing
Cisco
Switches
Routers
CPEs
Wi-Fi APs
Juniper Routers
HP Blade Servers
Virtualization/Containers
HPC
Data Center
Bioinformatics
Big Data
Apache
IIS
MySQL
PostgreSQL
MS-SQL
Oracle Database
NoSQL
Microsoft Access
PHP
SQL
R
Python
Bash/Csh
XML

telecommunications providers, financial services wholesalers and major software producers.

Technologies: Windows Server, Windows Desktop, NetWare Server, Linux, Cisco Switches, Cisco Routers, T1 WAN circuits, ISDN

Hamilton Business College, Urbandale, Iowa

MCSE Course Instructor

May 2000 - July 2000

I instructed Network Essentials and Windows 95/98 coursework in the MCSE preparation program in Urbandale, Iowa.

Technologies: Windows Server, Windows Desktop

Beacon Microcenter, West Des Moines, Iowa

PC Bench Technician

November 1999 - December 1999

As the PC Bench Technician at the West Des Moines operation I was given the opportunity to gain great volumes of hands-on experience with a wide variety of desktops, laptops and printers. Tasks ranged from simple upgrades of hardware and software to data-recovery operations.

Technologies: Windows Server, Windows Desktop, Linux, Mac OS 9, Mac OS X

DBA Wombat Productions, Grand Junction, Iowa

Owner

April 1997 - October 2000

As Owner/Operator of this home-based business I provided technical support contract services to a wide variety of clientele ranging from individuals in need to house-call technical support to major manufacturing operations in need to systems migration.

Technologies: Windows Server, Windows Desktop, NetWare Server, Linux

OMNI Internet/Iowalink.com, Des Moines, Iowa

Network Administrator

August 1998 - November 1999

As the network administrator for this Des Moines, Iowa based ISP, I was responsible for the day to day maintenance of a small group of Microsoft Windows Servers. Often I was called upon to develop web pages for various purposes, both internal and external. In addition to this, I was also responsible for fielding incoming support and new-user calls, and for guiding these customers through various installation, configuration and troubleshooting procedures.

Technologies: Windows Server, Windows Desktop, Linux, 3Com POTS endpoints, RADIUS authentication, T1 WAN circuits, ISDN, Ethernet (10BaseT, Token Ring), TCP/IP, Fiber Optics

Imagination Unlimited, Inc., Ames, Iowa

President and CEO

December 1995 - August 1998

As the President and CEO of this Ames, Iowa based web design firm I developed the business model and directed the day to day operations. As well as general operations based duties, I was also responsible for deciding upon technology purchases and maintaining our Windows Server systems to ensure maximum uptime.

Technologies: Windows Server, Windows Desktop, Cisco Routers, TCP/IP, HTML, JavaScript, Microsoft IIS

HTML

CSS

Javascript

Web Services

RSS

JSON

AJAX

Bootstrap

Adobe Photoshop

Adobe InDesign

Adobe Acrobat

Microsoft Word

Microsoft Excel

Microsoft Powerpoint

Microsoft Visio

Jira