

DAVID ERNST

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INTERNET-MINDED DESIGN & DEVELOPMENT Developer & Business Owner Sept. 2006 – Present	<ul style="list-style-type: none">• Work with clients to create web sites with dynamic content. Mostly MySQL with Web applications written in perl, php and Ruby on Rails. Extensive use of HTML, CSS, and Javascript (especially jQuery).• Build web interfaces for tasks such as account creation/maintenance, mailing lists, financial reporting, institutional telephone deployment, etc.• Automate tasks not requiring human intervention.• General consultation on information management.• Converted company to LLC in January, 2011
HOOSIERNET, INC. Executive Director Oct. 1997 – Sep. 2006	<ul style="list-style-type: none">• Systems administrator, network administrator, and chief professional officer for non-profit community network. Responsible for all aspects of providing Internet service to paying members, including dial-up, T1, DSL and others.• Maintained routers and networking equipment (Cisco, 3Com, Lucent, etc.)• Maintained servers (RedHat Linux) for user authentication, web hosting (Apache), email services (Sendmail), DNS (Bind), Usenet news, etc.• Wrote programs to automate system tasks (perl, bash, ruby) and to create dynamic web sites for HoosierNet and for customers (perl, MySQL, php).• Managed team of five additional staff people – tech support, finance, marketing.• Reported to and otherwise worked with volunteer Board of Directors.• Point person for transition and public relations when the company dissolved.
UNITED WAY OF MONROE COUNTY Network Coordinator Sept. 1995 – Oct. 1998	<ul style="list-style-type: none">• Principle staff for three year project implementing TCP/IP networking in community social service agencies.• Training and technical support for many non-experts (Windows & MacOS)• Linux System Administration including Apache, Perl and mSQL.• Managed project with Director and volunteers, inc. budgeting and purchasing

MASTER OF MUSIC Indiana University School of Music Department of Music Theory Degree awarded Aug. 1994	BACHELOR OF ARTS Case Western Reserve University Majors in Mathematics and Music Theory Graduated <i>summa cum laude</i> with honors in music Elected to Phi Beta Kappa National Honors Society
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Board of Directors of Bloomington Old Time Music and Dance Group (1995-2002, 2005-present)
Volunteer member of committees of local chapters of United Way and American Red Cross (2001-2006)
Vice President of the Indiana University School of Music Graduate Theory Association (1993-1994)
Radio Programmer and co-editor of program guide, WRUW-FM Cleveland (1989-1992)