

David Vereb

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Education

Pennsylvania State Erie, the Behrend College
B.S. Management Information Systems in 2014

Work Experience as Director of IT at Phoenix Cosmopolitan Group & Idea Lab, May 2010 – April 2014

- Functioned as the sole IT staff member for a company of 30 using both Windows and Mac OS X providing general helpdesk-style support, manipulating a database for staff's use in reports and reviewing new technologies as requested by the executive-level staff
- Acted as the product owner for larger IT projects outsourced to consultants such as custom online database software
- Resolved all long-term and short-term hardware and networking issues such as upgrading and replacing defective hardware, building computers, maintaining and troubleshooting the company network, making and installing new CAT5 cable routes and configuring firewalls
- Led the development of the company website (phoenixidealab.org) and other websites using a variety of languages including PHP, HTML, CSS, MySQL and ASP.NET
- Designed the most feature-rich database in the Northwest Pennsylvania region containing information pertaining to 450+ nonprofit companies
- Developed a C# application used to convert a proprietary database export into a standard format for use by Crystal Reports
- Created *Crystal Reports (SAP)* on a database of 450+ nonprofit organizations producing organizational public profiles with both financial and analytical reports as actionable information for a local foundation's funding decisions
- Assisted analysts in the manipulation of data with formulas in Excel and the presentation of their findings in Word and PowerPoint to executive-level employees and local nonprofit organizations
- Installed, hosted and maintained a Debian LAMP stack for in-house online services including document storage, wikis and custom software
- Used PHP/MySQL to replace a costly SaaS solution for time clock tracking software, making it visible from the web and internal network simultaneously by using a "split-brain dns configuration"

Relevant Skills

Operating Systems: Windows XP – 8, Linux (Debian-based), Mac OS X 10.6 – 10.9, Android
Programming: C++, C#, Java, DirectX, OpenGL, SDL, Enet
Web Development: HTML, PHP, CSS, jQuery, MySQL and MS SQL, ASP.NET
Software: Proficient with Microsoft Office, Visual Studio 2005-2013, Crystal Reports, MediaSite, Eclipse, NetBeans; Experienced with Adobe Photoshop

Other Related Experience

- Designed and developed personal video games in C++ using multiple development libraries for graphics, audio and networking, such as DirectX, SDL and Enet
- Programmed linux server application in C++ to allow networking of game clients for multiplayer gameplay
- Assisted professor grading papers, revising student assignments and assisting with programming projects, all relating to upper-level MIS classes during the school year of '09 – '10
- Currently building a database to store individual and organizational donors, membership and contact information, etc., as well as a new website for a local nonprofit organization

Programming project samples via e-mail upon request