

Sean Collins

Objective

Solve complex challenges with expertise, hard-work, and passion.

Experience

Developer & IT Consultant for B-Tech Consulting Ltd.

Managed deployment and configuration of Linux systems for use with genetic research and packaged scientific applications for Red Hat Enterprise Linux as part of the Biopackages.net development team. Notable projects include creating a supercomputing cluster on Amazon EC2 and developing an information system to store patient, clinical, and genetic data for an HIV/AIDs study conducted by University of Pennsylvania and Hahnemann University Hospital.

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IT Consultant for Professional Financial Services & The Legacy Partnership LLC

Managed e-mail systems, software licenses, and desktop machines. Developed and maintained the corporate websites, and provided the company with new and innovative ways to engage clients using IT resources. Trained staff on using the website CMS so that employees could take ownership and maintain parts of the site without having to route everything through IT.

Developer, Pennoni Honors College

Fall 2008 - Spring 2009

Lead developer for "Table Matters" (www.tablematters.com), an online magazine produced by the Pennoni Honors College at Drexel University. Site was developed in PHP with custom CSS and templates. An additional system was developed to support sending weekly newsletters to thousands of subscribers.

Systems Administrator & Assistant Programmer, Temple University College of

Education

Spring 2005 - Spring 2008

Provided service and support for the College of Education at Temple University and reported directly to the CIO of the College. Responsibilities included desktop deployments, software installation, inventory, networking, help-desk activities, security auditing and programming. Developed web applications in PHP with MySQL for the College and managed the application server.

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Technical Knowledge

Languages

- C, Java, PHP, Perl, SQL, C#, VB.NET, Python, Bash

Operating Systems

- UNIX & Linux (Red Hat Linux, FreeBSD, OpenBSD, Debian, Ubuntu)
- Windows (NT, XP, Vista, Server 2003, Server 2008)

IT Administration

- Firewalls (Windows Firewall, IPTables, OpenBSD PF firewall)
- Windows Group Policy & Active Directory
- SMTP, DNS, DHCP, TCP/IP, VPN administration
- HTTP Servers (Apache & IIS)
- Database administration (MySQL, Microsoft SQL Server, Postgre)
- Virtualization (Xen, VMWare)
- Nagios & Zenoss network monitoring & alert systems

Leadership Positions

Officer, Association For Computing Machinery

Member, Phi Alpha Theta, the International Honor Society in History

Education

Class of '05, Malvern Preparatory School, Malvern PA.

Class of '10, Temple University. Bachelor of Science in Information Systems & Technology.