

# Robert LeBlanc

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## EXPERIENCE

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**Server & Virtualization Engineer** Brigham Young University, Provo, UT Jul 2010-Current

- ◆ Designed university private cloud and increased server utilization and consolidation
- ◆ Designed university next generation datacenter with virtualized I/O to increase bandwidth and reduce cost
- ◆ Assisted in the design of storage virtualization to increase utilization and performance to lower cost

**Computer Support Specialist** Brigham Young University, Provo, UT Jan 2002-Jul 2010

- ◆ Maintain Active Directory and centralized software package management to improve help desk efficiency
- ◆ Manage college Linux supercomputer for biology applications promoting college academic research
- ◆ Assign projects to team members to encourage growth in knowledge and experience
- ◆ Implement virtual technologies to reduce college server operating costs and increasing efficiency
- ◆ Advise and collaborate with faculty and staff to provide solutions to their computer needs

**Web Developer** Global PTM, Houston, TX Feb 2008-Feb 2009

- ◆ Developed web application for customer using VB.NET
- ◆ Implemented database transfer utilizing scripting and modeling techniques
- ◆ Scoped project and maintained positive customer relations
- ◆ Collaborated with a team of programmers to accomplish the project

## SKILL SET

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| <b>Operating Systems</b>     | <ul style="list-style-type: none"><li>◆ <i>Apple</i>: All server and desktop versions</li><li>◆ <i>Linux/Unix</i>: Debian, Red Hat, CentOS, Fedora, Gentoo, SUSE, Solaris, Irix</li><li>◆ <i>Other</i>: VMware vSphere 3.x/4.x/5.x, all versions of DOS</li><li>◆ <i>Windows</i>: All Enterprise Windows server and desktop versions up to 2008 R2 and Windows 7</li></ul>  |
| <b>Software</b>              | <ul style="list-style-type: none"><li>◆ <i>Clustering</i>: SLURM, Open MPI, Heartbeat, Microsoft Clustering (MSCS)</li><li>◆ <i>Directory</i>: Microsoft Active Directory, LDAP, Yellow Pages (NIS)</li><li>◆ <i>Domain Name Service (DNS)</i>: Berkley BIND, Microsoft DNS</li><li>◆ <i>Mail</i>: Postfix/Exim, Microsoft Exchange, SpamAssassin</li><li>◆ <i>Security</i>: Symantec Endpoint Protection, Apache Reverse Proxy, Iptables, Wireshark, Snort</li><li>◆ <i>Web &amp; Database</i>: Apache, Microsoft IIS, Tomcat, MySQL, MS SQL</li></ul> |
| <b>Hardware</b>              | <ul style="list-style-type: none"><li>◆ <i>Servers</i>: Dell m1000 Blade series, HP c-class Blade series</li><li>◆ <i>Communication</i>: Xsigo, Infiniband, Brocade Fibre Channel, Qlogic Fibre Channel</li><li>◆ <i>Storage</i>: FalconStor NSS, FalconStor CDP, FalconStor FDS, HP EVA, EMC CX series, LSI</li></ul>  |
| <b>Programming Languages</b> | <ul style="list-style-type: none"><li>◆ <i>Non-Object Oriented</i>: ANSI C, PHP, Perl</li><li>◆ <i>Object Oriented</i>: Java, C #, PHP, VB.NET</li><li>◆ <i>Shell Scripts</i>: BASH, TCH, DASH, Windows BATCH</li></ul>   |

## EDUCATION

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**B.S. Degree Information Technology** Brigham Young University, Utah April 2006

- ◆ Emphasis in Linux, Window, networks and security
- ◆ Increased practical knowledge of computers and built team unity and leadership through class projects

## AWARDS AND ACHIEVEMENTS

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- ◆ VMware Certified Professional (VCP3) 
- ◆ Eagle Scout Award
- ◆ Two year religious service: learned how to work with people, cultures, and differing views of opinion