BRIAN M. PARTRIDGE

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EDUCATION

Worcester Polytechnic Institute, Worcester, MA · Bachelor of Science in Computer Science, 2006

Senior Project: BitTorrent Subscriptions

- · Designed an online content distribution platform utilizing the BitTorrent protocol and RSS feeds.
- · Extended a web based console for content creators to manage distribution of content.
- · Implemented a client application facilitating subscription to and retrieval of content.

WORK HISTORY

EMC Corporation (June 2006 - present)

Software Engineer II

- · Served as a member of teams focused on developing various management and backup applications for EMC's flagship product, the **Symmetrix**.
- · Responsible for developing storage provisioning functionality for the EMC Storage Viewer plug-in for the VMware vSphere client. Utilized reverse engineering technologies to enable the display of contextual information and perform storage operations directly on VMware entities in the vSphere GUI.
- · Designed a library to integrate EMC software with VMware Virtual Infrastructure environments using the VMware SOAP web services. The library is utilized by several Symmetrix managment utilities, including **Solutions Enabler** and backup products for Microsoft Exchange and SQL Server.
- · Re-engineered a legacy storage management utility with enhanced functionality using Microsoft VDS.
- · Maintained a product providing an interface to physical storage information with various file systems and logical volume managers.
- · Programmed mostly in **C++** and **C#**.
- · Experience with version control software in a very large code base.
- · Experience working with a team and independently.
- · Strong understanding of enterprise storage technologies.

Shannon Systems Ideas (Summer 2004 and 2005)

Software Engineer Intern

- · Developed scripts for EDI processing of purchase order data between companies.

PROJECTS

Six Degrees *iPhone App*

- · In spare time, designed and implemented a application with Cocoa Touch and web APIs.
- · Utilizes the Six Degrees of Separation concept to display links between actors and films.
- · Provides several modes of operation for reference and entertainment purposes.

SKILLS SUMMARY

Programming Languages:
- · Proficient with C, C++, C#
- · Competent with Python, Objective-C, Java, XHTML

Frameworks & APIs: VMware Web Services SDK, .NET Framework, Cocoa Touch, Microsoft VDS

Operating Systems: Windows, Linux, Mac OSX

Tools: Visual Studio, CVS, vim, git