

BRIAN M. PARTRIDGE
258 Ash St. Waltham, MA 02453
(781) 801-8844 · brianpartridge@gmail.com

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)

Senior Software Engineer

- 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 Virtual Storage Integrator (VSI) 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. (**C#**)
- Designed an interface for Virtual Machine Failback in VSI for use in disaster recovery scenarios to supplement VMware's Site Recovery Manager.
- Designed a library to integrate EMC software with VMware Virtual Infrastructure environments using the VMware SOAP web services. The library is utilized by essential Symmetrix management utilities, including **Solutions Enabler** and backup products for Microsoft Exchange and SQL Server. (**C++**)
- 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.
- 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 (Summer 2004 and 2005)

Software Engineering Intern

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

PERSONAL PROJECTS

LazyEye (2011) *iPhone App*

- A reading app, utilizing Rapid Serial Visual Presentation (RSVP) for fast reading speeds.
- Capable of extracting text from a website for clear, distraction-free reading.

Six Degrees (2009) *iPhone App*

- 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#, Objective-C, C++, C
- Competent with Python

Frameworks & APIs: VMware Web Services SDK, .NET, Windows Forms, Cocoa Touch

Operating Systems: Windows, Mac OSX, Linux

Tools: Visual Studio, Xcode, CVS, vim, git