

EDWARD MCCREARY

SENIOR SOFTWARE ENGINEER

software@heorot.org
<http://www.heorot.org>
[+1-713-581-0239](tel:+17135810239)

Technical

| | | | |
|-------------------|------------|--------------------|---------------------|
| C#/.Net | XHTML | Perl | OS X |
| C/C++/Objective C | CSS | SQL | Windows 3.0 – Vista |
| x86 Assembly | Javascript | CVS/Subversion/Git | Linux/BSD |

Experience

Epilogue Systems 2010 – Current
Senior Systems Engineer

- Coordinated major release of an Enterprise scale document management system. Tasks included revamping build process, rebranding, and design and implementation of new features. Product implemented in C#/C++/VB6.
- Currently designing and implementing next generation of same document management system. Product will be fully managed code and C++ as required for performance.

Insite Objects 2005 – 2010
Senior Systems Engineer

- Lead developer responsible for designing and implementing an enterprise scalable web application which tracked SAP usage statistics and analyzed user performance. Written in C#/ASP.NET with a MySQL back-end; it is broken into several independent processes that communicate via web services.
- Developed a COM component in C++/ATL to record user events in a Java Swing application using the Java Accessibility interface.
- Maintained an existing JBoss/Tomcat based web application for several release cycles after the primary developers left the company.
- Developed a pass-through Windows NT display driver for debugging a binary only recording driver

VERITAS Software 1999 – 2005
Senior Staff Engineer

- Lead developer responsible for designing and implementing the GUI component of a Web based, Enterprise class cluster management and availability evaluation application. Written in Java using Tomcat/Struts.
- Lead developer on a GUI alignment initiative based on Struts/Tiles to provide a common look and feel across VERITAS web-based products.
- Responsible for several releases of cluster management tools including support for rebranding, internationalization, and feature enhancements.

NuView 1998 – 1999

Software Engineer

- Lead developer for a management application for Microsoft Network Load Balancing clusters. Written in Java with extensive use of JNI components written in C++ to provide a Windows native look and feel.
- Team member responsible for implementing cluster management application for Microsoft Clustering Service. Written in C++ using COM/MFC. Also responsible for guiding artwork design and working with customers to understand future requirements.

STB Systems

Software Engineer

1996 – 1998

- Lead GUI developer responsible for designing and implementing value-add applications to be shipped with video controllers; virtual desktop, on the fly resolution change, etc. Written in C++ using MFC.
- Lead GUI developer responsible for designing and implementing TV tuner desktop software. Written in C++ using COM/MFC.

Compaq Computer

Systems Engineer

1991 – 1996

- Lead developer responsible for designing and implementing platform independent libraries used by display drivers. Supported Windows 3.x, Windows 95, Windows NT and OS/2. Written in x86 assembler/C.
- Team member responsible for designing and implementing a distributed, automated test application for Windows and OS/2 display drivers. Written in C++/Visual Basic/MS-DOS Batch.
- Responsible for analyzing hardware failures at customer sites. Provided workarounds to customers and initiated engineering change requests to product design teams.

Personal Projects

Bookit

Firefox Extension

Facilitates creating eBooks from a website.

Bird's Eye

.Net Windows Application

A desktop magnification utility.

GenPass

iPhone Application

Generates random, pronounceable passwords. Also will generate guids and wep keys.

AWOL

iPhone Application

Manages list of devices and sends a wakeup-on-lan packet to selected devices.

In Development

Android Task Management System

A list based task management app with server synchronization.

Android Live Music Assistant

A recording app intended for use with live music with features to ease tagging and editing.

Education

University of Houston - Houston, TX

B.S. in Electrical Engineering, May 1991
