Industrial Experience Report

Teresa Worner
April 24, 2013

Innovative Systems, LLC

January 2012 – August 2012

APMAX Test Suite

The APMAX Test Suite is a collection of projects designed for use within Innovative Systems to aid testing the APMAX and set-top boxes. The APMAX is Innovative Systems' telecommunications server.

When I began working with the Test Suite, it focused only on load testing the APMAX. A GUI interface was provided so users could run tests. The GUI communicated with a Windows service which started up the projects that ran the actual tests. Test results were sent back to the GUI for analysis via WCF.

This work led into a senior design project (August 2012 – May 2013) with SDSMT which expanded the project to support testing of set-top box UIs.

Chapel in the Hills, Rapid City, SD

Summer 2012

Website

I built a new website for the Chapel in the Hills in Rapid City, SD. The website will go live on April 30, 2013. It was constructed using XHTML 1.0, JavaScript, CSS, and PHP.

Shalom Community Lutheran Church, Starbuck, MN

September 2010 – January 2011

Website

I built a website for Shalom Community Lutheran Church of Starbuck, MN. The website was constructed using XHTML 1.0, JavaScript, CSS, and PHP. It was designed so that data could be updated easily without touching code. To this end, if a user was logged in as the admin, edit buttons were available for images and text. Clicking an edit button associated with an image opened a file browser to upload a new image, replacing the old one. Clicking an edit button associated with text opened a text-box auto-populated with the current data. Data was stored in flat files.

**This website is no longer in use.