

Jimmy Heil

IT Consultant and New Media Producer

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EXPERIENCE

TechArtician, Santa Fe, NM — Owner \ Producer

January 2017 - PRESENT

Utilizing my varied media production and IT experiences I build specialized teams to achieve client imagined creative projects with focuses in advanced technologies and simple storytelling. We use everything from high-end commercially available products down to our own breadboard designed small electronics to build interactive and immersive experiences.

Schaefer Consulting, Santa Fe, NM — IT Consultant

August 2011 - PRESENT

Systems and network administrator for about eighty small to medium sized companies and individual clients with services spanning every aspect of IT and network security. I oversee the design, implementation, and maintenance support of systems including servers, wired and wireless networks, VOIP telephony, mobile devices, surveillance, Windows, Mac, and GNU/Linux workstations. We also offer services in IT disaster prevention and recovery, threat assessment and penetration testing.

Lumescapes Illumination Media, Santa Fe, NM — Full dome Technician

June 2013 - July 2017

Installation and operation of production lighting, sound, and projection systems usually incorporated within a fully immersive geodesic dome VR environment. Running a small crew, I generally functioned as the team's polymath "ninja" doing every task across the board as necessary to meet expectations and deadlines. From meeting with clients to operating the sound or light board, calibrating multichannel video projectors, creating documentation, and even ushering people to their seats.

Todd Young Studio, Santa Fe, NM — Assistant Director

November 2012 - April 2014

Facilitated the conceptualization and production of several local and regional TV commercial spots. Served in many roles including sound utility, sound mixer, camera operator, and 1st AD. In this particular role I also designed and operated several websites primarily in Wordpress and managed email systems.

Santa Fe Audio Visual, Santa Fe, NM — A/V Technician & Project Manager

May 2010 - September 2011

Responsible for the coordination to setup and operate technical event production equipment necessary for corporate and government meetings, weddings, various artistic performances, and large city events. Familiar with most industry brands and equipment including microphones, sound boards, and speakers. Notable clients include The New Mexico History Museum, The Santa Fe Institute, Los Alamos National Laboratories, The International Folk Art Alliance, Con Alma Health Foundation, and Sunshine Theater.

EDUCATION

The Evergreen State College, Olympia, WA

2008-2009

Studied toward a B.A. of Liberal Arts with a focus in Media Production.

PROJECTS

Beginnings — *OTA Contemporary*

Designed and built a 740 sq. ft. interactive projection VR room. Another VR element designed for the HTC Vive will premier in Fall of 2017 as part of a group show of emerging new media artists.

The PASEO 2016 — *City of Taos, NM*

As part of Lumenscapes Illumination Media, I custom built a 36 foot geodesic dome with multi-channel projection mapping and surround sound to create a large scale group VR experience.

Campus-wide Wireless Deployment — *Upaya Zen Center*

With my employer at Schaefer Consulting, I deployed a mesh capable Ubiquiti hardware based WiFi network that covered approximately ~160,000sq.ft. The system incorporated several PPP backbones and localized access points running OpenWRT router/firewall software that was monitored using Cacti and reported real time outages.

Hoover Hacienda — *Bud Hoover (of The Hoover Corp.)*

A personal client of mine, I regularly help Bud Hoover and his wife Barbara with their modern technology connected home. From desktop support to custom design and installation of various audio/video equipment, Bud and Barbara like to have a working understanding of these technologies and I teach them how to make the most of their technological investments.

Aerobatic VR Experience — *Jim Goodwin*

A notable investment manager, Jim is also an avid aerobatic pilot. He commissioned me to develop an easy to use VR workflow to allow him to capture his aerobatic stunts and then play them back for him to share with others. I spent time in research and development of available products combined with modified materials to withstand the high speed flights and made an easy to learn tutorial on the process.

SKILLS

Systems administration
Technical event production
Client focused creative solution finding
Organizational and time management

ACHIEVEMENTS

IMERSA: Immersive Media Entertainment, Research, Science & Arts

Presenter of vDome, a GPLv3 licensed projection mapping software developed under DoD funding.

President's Hero Award

Presented by the President of Circuit City for demonstrating outstanding customer service.

Eagle Scout Award

The highest achievement attainable in the Boy Scouting program and is held by less than 5% of all scouts of all time.

LANGUAGES

English (Native level)
Japanese (Conversant)