

Challenge driven problem solver with 17+ years of computer, programming, and multimedia experience.

Key Expertise

- Multimedia product development using applications such as Flash and Photoshop.
- Standard compliant website development using HTML, XHTML, CSS, and XML.
- Scripting experience with languages such as PHP, Perl, Shell Script, JavaScript and Actionscript.
- Extensive sound engineering experience including custom music tracks, sound recording, and editing narration.
- Film production and editing utilizing software applications such as Final Cut Pro and Adobe Premier.
- Hardware, software, network, and systems troubleshooting.
- Installation, configuration, administration, migration, and use of various operating systems including: DOS, Windows 3.1, 95, 98, ME, 2000, and XP, Mac OS 8, 9, and X, *BSD, Linux, and UNIX.
- Ability to research and learn new skill areas as a part of analyzing technical solutions.
- Excellent written and verbal skills; communication of technical information to non-technical personnel.

Professional Experience

Voice-Over Artist/Sound Engineer 2009 - Present
Vendor for Florida Virtual School Orlando, FL

- Independently produce, record, and edit high quality voice-over narration for online course materials.

Developer 2005 - Present
MacAulay Brown Inc. Panama City, FL

- Key developer for major SCORM compliant courses successfully deployed to the AFCESA LMS.
- Edit and processes voice-over narration for video and/or training courses.
- Create original music compositions for WBT/CBT products and MacAulay Brown company demo.
- Code dynamic and reusable quizzes and interactive activities for training products.
- Develop graphics and flash multimedia content.
- Implemented user interface model which improved speed of creation, update, and maintenance of our programs.
- Converted two existing AFCESA training products to SCORM compliant web based deliverables.

Technical Volunteer Work 1998 - 2005

- Assisted Bay High School Technology Academy:
 - Set up, installed, maintained, and performed system administrator duties on a FreeBSD server for use as a multi-user E-Learning environment. Integrated the moodle PHP classroom management application with a file server and created a secure tunnel for remote administration or teacher login.
- Contributed to the world-wide Freesco project (<http://www.freesco.org>):
 - Developed, maintained, and supported several highly popular mail server packages.
 - Provided online technical support for the project as a whole via the community forums.
- Conceived and implemented a dynamic web presence for an international musician, with hosting, email services, and a unique Perl server-side solution to facilitate replying to fan email.
- Built, upgraded and maintained computers, and provided ongoing technical support for family and associates.
- Maintained and administered a multi-platform medium-sized Cat 5/Wi-Fi network.

Education

University Of Capella Online
Bachelor of Science in Information Technology 2006 – Present

ADL Online
ADL SCORM School for SCORM 2004 2005

University Of Dundee Dundee, Scotland, UK
3 years Math and Computer Science towards B.Sc. (Hons.) 1991 – 1994