

Andrew Emmons

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Education

UNIVERSITY OF SOUTHERN CALIFORNIA, Los Angeles, California 2004-2008Dec

- Major: BA Fine Arts, Digital Media Minor: Computer Science

Work Experience

KILLSCREEN TV(Feb2009-May2009)

- Producer, Editor, and Animator for webisodes centered around video games, action sports, and music. Used Final Cut Pro for editing and compression. Created a workflow for capturing footage, incorporating found footage, and rendering finished episodes with optimized web compression.

SCPS(sep2008-feb2009)

- Large Format Printing, technical advisor, network administrator, motion graphics. Used Final Cut Pro, Maya, After Effects and Photoshop to create their Video Portfolio.

HEAVY IRON STUDIOS(feb2008-sept2008)

- Using MEL, created a Flay and Bind tool to aid artists in skinning a character. Part of a team of programmers working on a 3d gaming engine in Director for use in a game inspired by Desktop Tower Defense.

GREEN VISIONS PLAN(july2007-nov2007)

- Programmer for the [Green Visions Plan](#) online toolkit. Created login for multi-user functionality. Designed and coded tool animations. Debugged problems with inter-browser compatibility. Used ASP.NET and SQLserver, Photoshop, javascript, CSS, and HTML.

ANGELINGO(aug2006-may2008)

- Webmaster for the student edited online magazine [Angelingo.usc.edu](#). Using PHP I wrote code to allow editors to enter and edit their blogs as well as readers to make comments to blogs. Redesigned the site to give it a fresh look. Used PHP, CSS, javascript, Photoshop, Flash, and HTML.

HOUSING TECHNOLOGY PROGRAM(aug2005-may2006)

- I assisted any residents with their computer problems and helped maintain the network in the dorms. Also organized and gave informational presentations on aspects of technology to the residents.

FREELANCE WEBDESIGN(aug2005-present)

- <http://www.tape-works.com> asked me to update their storefront website and I decided it needed a full redesign. Used Perl, CSS, javascript, Photoshop, and HTML.

BLUE MOUNTAIN SKI RESORT (winter of 2003-2004)

- Snowboard Instructor teaching all ages how ride a snowboard.

TWENTIETH CENTURY FOX (January-February 2002)

- Deck hand aboard the HMS Rose, where I was a part of the crew who delivered the ship from Newport, RI to San Diego, CA for use in the major motion picture, "Master and Commander: Far Side of the World".

Accomplishments/Awards

- Received the Friends of Fine Arts scholarship.
- "Telling Rocks" video displayed at Stop Down and USC Fine Arts fundraising events.
- "Times in Space" video a part of the Projects on Lake screenings.
- Sculpture selected for permanent display at the USC Roski School for Joel Tauber's Tree Baby installation.
- USC-Google-All-Nighter – Awarded 'Most Useful' for a mash-up of Facebook app, Google Maps, and Google Calendar. I was the PHP programmer on a team of four people. About 20 teams, with 6 award categories in the contest.
- Eagle Scout
- Lehigh Valley 2003-2004 Scholar Athlete Nominee

Interests

- Traveling to far off lands, surfing, snowboarding, hiking, sailing, the electric guitar.
- Video Editing, Computer Animation, Interactive Media

Computer Skills

- PROGRAMMING SKILLS: C, Java, C++, PHP, Perl, Prolog, MEL, Unit Testing, Agent design, OO design.
- 3D animation, compositing, character rigging
- APPLICATIONS: Adobe After Effects, Adobe Photoshop, Adobe Premiere, Encore DVD, Maya, Microsoft Office package, Macromedia Director & Flash, Shake, Final Cut, MySQL

Relevant Coursework

- **Computer Science:** Artificial Intelligence, Computer Graphics, Object-Oriented Programming, Data Structures, Principles of Software Dev, Programming and Multimedia on the Web
- **Interactivity:** Programming for Interactivity, Video Game Design
- **Animation:** Introduction to Computer Animation, 3-D Animation and Character design, Drawing for Animators, Sculpture