



DAVID COOL

artist + technologist

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North Wales, PA

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UNITED STATES

SKILLS

- + Mac OS X + Mac OS X Server
- + Windows XP / Vista / 7 / 8
- + Linux + Apache + MySQL
- + HTML5 + CSS3
- + PHP + Javascript
- + Unix shell scripting
- + Processing + MaxMSP
- + Adobe Creative Suite
- + Final Cut Pro + Logic Pro
- + Microsoft Office Suite
- + Remote Desktop
- + Parallels / VMware
- + Extensive hardware knowledge
- + Switch & router configuration
- + Network cabling
- + Digital imaging & video
- + Digital audio production
- + Arduino & micro-controllers
- + Basic circuit building
- + Electronics soldering

“Hardness and strength are death’s companions, pliancy and weakness are expressions of the freshness of being.

+ Andrei Tarkovsky

EXPERIENCE

Educational IT + Artist + Technologist August 2013 – Present

THE ROYAL ACADEMY - Thimphu, Bhutan - academy.bt

- + Support daily office ICT infrastructure including networking + deskside support
- + Design and develop ICT infrastructure and classroom technologies focused on creative arts
- + Design and implement websites using Wordpress, PHP, MySQL, HTML, JavaScript, CSS
- + Develop creative digital arts classes utilizing generative programming, physical computing and multimedia programming such as MaxMSP

Artist + Technologist January 2004 – Present

DAVIDCOOL.COM - Monterey, CA - davidcool.com

- + Engage projects centered on creative clients
- + Design and implement websites using Wordpress, PHP, MySQL, HTML, JavaScript, CSS
- + Explore generative art programming, interactive installation and public exhibition venues
- + Focus on Arduino, Processing and interaction design

Instructor August 2011 – June 2012

UNIVERSITY OF CONNECTICUT - Storrs, CT - digitalarts.uconn.edu/2012

- + Co-designed and implemented the first Physical Computing class
- + Co-designed and implemented the first Digital Media class
- + Initiated and developed new Digital Media Minor curriculum

Web Developer August 2010 – June 2011

UNIVERSITY OF CONNECTICUT - Storrs, CT - art.uconn.edu

- + Co-conceptualized, designed and developed the art school web portal
- + Implemented a custom CMS system integrating WordPress, ZenPhoto and Google calendar
- + Created website video training tutorials for faculty, staff and students

Technologist + Instructor April 2009 – July 2009

UGYEN WANGCHUCK INSTITUTE for CONSERVATION & ENVIRONMENT - Bumthang, Bhutan - uwice.gov.bt

- + Designed and developed networking infrastructure
- + Designed and implemented institute website using Flash, PHP, MySQL, HTML, JavaScript, CSS
- + Taught photography, blogging and basic computer instruction courses
- + Coordinated and met government officials for infrastructure development projects

Systems Engineer + Web Developer September 2002 – March 2007

BACKSCATTER UNDERWATER PHOTO & VIDEO - Monterey, CA - backscatter.com

- + Created and maintained retail shopping website using Lasso, PHP, HTML and MySQL
- + Designed and managed Mac and PC network including all backup systems
- + Managed website sales process and created custom Filemaker CRM platform
- + Instructed clients in underwater photography and video

Deskside Support Manager May 1999 – December 2001

JP MORGAN CHASE & CO. - San Francisco, CA - jpmorgan.com

- + Managed all desktop computer operations consisting of 1000+ investment banking clients
- + Planned, implemented and supported technology needs for North American branch offices
- + Oversaw twenty level 2 technical support analysts in three locations
- + Led project management for specific business driven technology implementations

EDUCATION

MFA Digital Media + Installation 2010 – 2012

UNIVERSITY of CONNECTICUT - Storrs, CT

Unix System Administration 2004

MONTEREY PENINSULA COLLEGE - Monterey, CA

Information Technology Program 2000

SAN FRANCISCO STATE UNIVERSITY - San Francisco, CA

BA Integrative Arts 1992 – 1996

PENNSYLVANIA STATE UNIVERSITY - State College, PA