DAVID COOL

artist + technologist

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600 Evergreen Court
North Wales, PA
19454-2050
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