

Cruz deWilde

TECHNOLOGY SKILLS

3-D Animation & VFX: Houdini, Maya, Nuke, After Effects, 3-D Studio Max, RealFlow, Final Cut, Adobe CS3
Application Development: Python, Perl, Mel, JavaScript, HScript, SQL
Systems Administration: Unix (SunOS/Solaris, Linux, HPUX), Windows, MacOS
Network Management: CA Unicenter, HP OpenView, MRTG, CiscoWorks/View, BMC Patrol, SNMP
Web Technologies: HTML, XML, CGI, LDAP, TeamSite, Documentum, UltraSeek

PROFESSIONAL EXPERIENCE

ImageMovers Digital San Rafael, CA 02/09 - present
Stereoscopic Technical Director

Hired on to help develop and refine the stereoscopic workflow of 3-D performance-capture animated films for a mid-stage startup company founded in 2007 by Disney and Robert Zemeckis. Responsibilities include integrating the left/right/center stereo camera layout with lighting and compositing pipelines, developing script-based tools for workflow automation, and exploring new techniques for enhancing the stereoscopic compositing and publishing processes.

NASA/Sonoma State University San Francisco, CA 08/08 – 01/09
Lead Digital Animator (contract)

Commissioned to create a digital animation to background a conference and paper presentation describing a two-component jet system emerging from an exploding star. Later commissioned to create an animation describing gamma emission from the outer gap of a pulsar.

California Academy of Sciences San Francisco, CA 04/08 – 06/08
Digital Modeler

Rebuilt and textured a digital model of the NOAA-18 weather satellite for the new Morrison Planetarium's flagship production, "Fragile Planet".

NASA/Casadonte Group Mountain View, CA 03/08 – 05/08
Lead Digital Animator (contract)

Created a series of six original animations for a nationally televised documentary on the GLAST (Gamma-ray Large Area Space Telescope). The animations described the inner workings of the satellite, what it sees, and provided a visual exploration of the electromagnetic spectrum.

CTB/McGraw-Hill San Francisco, CA 04/04 – 04/09
Content Management Architect (Technology Operations, Consultant)

Responsible for the architecture, implementation, and sustaining engineering of three TeamSite content management systems, which serve as collaborative development environments for creating modular standardized tests for K-12 education.

Pacific Gas & Electric Santa Cruz, CA 09/02 – 10/03
Web Applications Developer (PoR Intranet Team, Consultant)

Responsible for the architecture and implementation of PG&E's intranet and internet search solutions using the Inktomi (now Verity) Enterprise Search Platform and TeamSite. Developed a number of Perl applications for automating the migration of web content and streamlining work-flow, including a dynamic hierarchical search taxonomy using Verity's Content Classification Engine, and a universal JavaScript wrapper for internal web-based applications that ensures a consistent look and feel to the new intranet site without the need for an application server.

Emergent Minds, Inc. San Francisco, CA 03/02 - 09/02
Co-Founder, Chief Financial Officer

Launched an Artificial Intelligence research startup called "Emergent Minds, Inc." in San Francisco. Though the company closed within a year when my partner moved to Dallas, the experience provided some valuable training in establishing a corporate identity, writing federal grant proposals, and communicating a business plan to potential investors. My partner has recently taken the project through its first round of funding under the name "Neuroblast", and I continue to work with him developing animations for product marketing.

Brocade San Jose, CA 09/00 - 05/02
Senior Web Engineer (Web Technology Group, Full-Time Employee)

Responsible for the development and administration of Brocade's TeamSite content-management system and heavily customized Inktomi search engines for Brocade's internet, extranet, and intranet web sites. Served on the IT Architecture Council, and created over 20 self-sustaining information-management applications for streamlining workflow as well as automating access and management of corporate systems and data.

InnoVentry San Francisco, CA 08/99 - 09/00
Senior Software Developer (Infrastructure Engineering, Full-Time Employee)

Joined this fast-paced, early-stage Silicon Valley dot-com startup to lead the design and implementation of an automated, end-to-end management infrastructure for monitoring a wide-area network of check-cashing ATM's using CA Unicenter and custom-designed SNMP agents. Received the highest annual performance rating (97%) of all 52 software engineers in the technology development department. Responsible for the design and implementation of an automated, end-to-end management infrastructure for monitoring a wide-area network of check-cashing ATM's using CA Unicenter and custom-designed SNMP agents.

Microsoft Redmond, WA 02/99 - 08/99
Software Design Engineer IV (Information Technologies Group, Consultant)

Designed and implemented an SNMP-based HP OpenView network management system for monitoring Microsoft's world-wide telecommunications network, including technologies such as voice-over-IP, PBX switching systems, video-conferencing, broadband, voicemail, and more.

Synopsys Mountain View, CA 12/96 - 02/99
Systems Administrator III (Core Services, Full-Time Employee)

Designed and implemented a web-based Network Operations Center to manage a WAN of over 35,000 heterogeneous nodes (Solaris, SunOS, HP-UX, NT, MacOS, Cisco, Network Appliance, etc.) using HP Network Node Manager 6.0 as the base platform; capabilities include geographical and service-level views of the network, fault-management, performance-monitoring, system accounting, historical analysis, and security. Created several customized WEB applications from the ground-up using Perl, JavaScript, and VB as well as several C extensions to Network Node Manager using the OpenView API. Promoted twice within the first 18 months of hire.

Blyth Software Foster City, CA 02/95 - 12/96
Product Support Engineer (Staff)

Joined this early-stage software company during my junior year in college, and was promoted twice within my first year of hire, ultimately working with Engineering to QA test new components of Blyth's primary software product, OMNIS7: a cross-platform programming environment for developing, deploying, and maintaining front-end client/server applications with connectivity to industry-standard databases through middleware such as ODBC, SQL*Link, and Open Client. Authored sample applications distributed to thousands of customers as examples of coding techniques.

EDUCATION

Stanford Graduate School of Business Stanford, CA 06/08 - 07/08
 Summer Institute for Entrepreneurship
 Intensive four-week 'Mini-MBA' program designed to prepare students to launch entrepreneurial ventures

Academy of Art University San Francisco, CA 01/06 - present
 M.F.A. Digital Animation & Visual Effects (full-time, in progress)
 Current GPA: 3.95
 Expected Graduation: May, 2009

Stanford University Stanford, CA 09/92 - 12/96
 B.S. Symbolic Systems
 Concentration in Human-Computer Interaction

Anton-Philipp-Reclam-Schule Leipzig, Germany 07/91 - 07/92
 Youth for Understanding exchange program

St. Albans School for Boys Washington, D.C. 09/82 - 06/91
 Primary focus on foreign languages (Spanish, Japanese, German) and economics

<u>Course Certificates</u>	<u>Various Locations</u>	
System Admin II for Documentum 5	EMC (Pleasanton, CA)	2005
System Admin I for Documentum 5	EMC (Pleasanton, CA)	2005
Technical Fundamentals of Documentum 5	EMC (Pleasanton, CA)	2004

Using JSP Technology in Dynamo	ATG (San Francisco, CA)	2001
Server-Side Programming with Java	ATG (San Francisco, CA)	2001
Practical Applications of XML	Brocade (San Jose CA)	2001
Java Programming II	GE Access (San Francisco, CA)	2001
TeamSite User Training	Interwoven (Sunnyvale, CA)	2001
TeamSite System Administration	Interwoven (Sunnyvale, CA)	2001
Gaspar Manager Administration	Gaspar Corporation (Dayton, OH)	2000
Java Programming	Sun Microsystems (McLean, VA)	1998
HP-UX 10.x System Admin for HP 9000	Hewlett-Packard (Atlanta, GA)	1997
HP-UX Troubleshooting	Hewlett-Packard (Mt. View, CA)	1997
Windows NT Administration	Microsoft (San Jose, CA)	1997
OMNIS 7v3 Programming	Blyth Software (Foster City, CA)	1995