

PROFILE

Introduction:

I am a recent University of California at Santa Cruz graduate with a BS in Marine Biology and a minor in journalism. Despite my focused education, journalist, biologist, technical editor, programmer, network tech and web designer are all hats I wear. My skill set is versatile, with my strength being my ability to pick up just about any project and turn out a professional result. I'm a critical and creative thinker who works well independently or as part of a team.

Experience:

Providing network administrator and technical "guru" services through the years has given me a solid cross-platform background in all areas of computer and network services. I'm proficient in *nix shell scripting, PHP, MySQL, HTML and CSS. I have 2+ years of experience developing and modifying open and closed source web-based applications, with knowledge of not only language/syntax but also an understanding of the underlying server architecture. My technical editing and writing experience ranges widely, from investigative journalism to open source application documentation development to editing and rewriting of documentation for digital control systems used in the electric power industry.

Goals:

With my education, knowledge, background, and positive attitude, I have valuable skills marketable to several industries. My passions are science, writing and technology. A continued following of the tech industry, masters degree in journalism, work in environmental policy, science writing and perhaps a part time position teaching at a community college are all future goals, but for now I'm looking to throw myself into the wind to see where my career takes me.

Interests:

Geek is the best descriptor of me, in the truest sense of the word. I love learning. I read constantly, periodicals, fiction and nonfiction. I'm a closet physics buff, earning better scores in physics classes than I ever did in biology. Technology has always been a major interest, especially the open source code (ie. Gentoo) and information (wikipedia) communities. I do a lot of traveling as well, and am an avid SCUBA diver in warm water.

PERSONAL DATA

Birthdate: 9/27/1982
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EDUCATION

2001- 2006 University of California at Santa Cruz,
Santa Cruz, CA
1998-2001 Morro Bay High School, Morro Bay, CA
1999-2000 Cuesta College (7 units of biology), San
Luis Obispo, CA

TECHNICAL SKILLS SUMMARY

Skill Level	Languages/Standards	Platforms	Applications	Hardware
Expert	HTML, CSS, PHP	Mac System 6 – OS X Windows 95, NT, 98, XP	MS Office Suite, PageMaker, Adobe Photoshop	PC & Network Diagnostics/Repair
Intermediate	MySQL, DHTML, JavaScript, Perl,	Unix/Linux – command line	Dreamweaver, Adobe Illustrator & InDesign	Network Installation
Beginner	AppleScript, C++, BASIC	Sun, Cisco	FrameMaker, Quark, Macromedia Flash	

EMPLOYMENT & INTERNSHIP HISTORY

2005-2006 Freelance Programmer, Web Developer, Tech Writer (Felton, CA / Warwick, United Kingdom)
2004-2005 Researched, wrote, edited and published online and print versions of the UCSC "Wheelchair Users' Survival Guide" under the supervision of UCSC ADA Compliance Officer Susan Williats. (Santa Cruz, CA)
2003 Winter Science Desk Writer, City On A Hill Press (Santa Cruz, CA)
2002 UCSC Residential Network Technician (Santa Cruz, CA)
2002 Summer Aquarium Collections/Fishes Intern, John G. Shedd Aquarium (Chicago, IL)
1998-2000 Leader/Organizer of 4-H Plankton Monitoring Group - sampling plankton with Coast Guard for California State Health Department (Morro Bay, CA)
1998-2001 Self employed, business owner of Nerds On Wheels, computer services company
2001 Computer-aided drafting, Turbine Controls Corporation (Los Osos, CA)
1997-1999 Volunteer, Morro Bay National Estuary Program - local water quality testing (Los Osos, CA)

AWARDS AND ACHIEVEMENTS

5/05 Student Employee Recognition Award Program, \$200
7/01 Morro Bay Fishermen's Association Scholarship, \$1000
5/01 California Sea Grant John D. Isaacs Memorial Scholarship \$12,000
5/01 2nd Place - Zoology California Sate Science Fair, Los Angeles, CA
5/01 1st Place San Luis Obispo Co. Regional Science Fair, Morro Bay, CA
4/01 Finalist Southern California Junior Science and Humanities Symposium, Irvine, CA
3/01 Best Student Poster Monterey Bay Currents Symposium, Monterey, CA
1/01 Research Grant Award \$2000 Morro Bay National Estuary Program, Morro Bay, CA
7/99 Leadership Award 4-H Youth Science Program, Morro Bay, CA
5/99 4th Place - Zoology California State Science Fair, Los Angeles, CA
3/98 1st Place Literature Division of Academic Decathlon, San Luis Obispo, CA

PUBLICATIONS

Can We Affect Global Warming? Past, Present and Future of our Global Climate, City On A Hill Press, January 11, 2003.
US Naval Sonar Kills Whales; Threatens Marine Ecosystem, City On A Hill Press, October 27, 2003.
Abstract "*Investigation of the biofiltration potential of the Pacific Oyster (Crassostrea gigas) to decrease fecal coliform bacterial levels.*"
National Junior Science and Humanities Symposium, May 2001, Orlando, FL and Monterey Bay Currents Symposium, March 2001, Monterey, CA.

REFERENCES

Susan Williats – ADA Compliance Officer, UCSC

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