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I am a soon-to-be college graduate seeking a position of employment in the field of web, graphic and/or application design for advertisement and marketing through digital media.

Summary of Qualifications

Web Design and Programming

- Has been designing web pages for over 10 years. Has designed and constructed more than 10 full websites.
- Proficient with HTML & XHTML, CSS, PHP, XML, Javascript, Perl, Actionscript 2.0, and SQL (including MySQL and PostgreSQL).
- Runs home web design business with multiple clients, including Camden County College, Bristol Borough, and Oh Yoko! Japanese restaurant.
- Programmed the bulk of the ProfRecord online application for the Student Government Association at TCNJ, which included design and programming of a PHP/PostgreSQL driven website constructed of skeleton pages with dynamically generated information specified by the user.

Fine Arts

- Trained in foundational concepts of fine art (drawing, color theory, 3D design, et cetera).
- Proficient in 2D drawing, large- and small-scale sculpture, photography, and 3D modeling by hand.
- Proficient in layout design for print and the Web.
- Proficient in all forms of writing (fiction, nonfiction, technical).
- Has run a successful home business selling hand-sculpted miniatures for 12 years.

Education

B.A., Digital Arts, Minor: Interactive Multimedia, Computer Science December 2007

The College of New Jersey, Ewing, New Jersey

GPA: 3.9, Major GPA: 4.0

Majoring in the Digital Arts program with minors in Interactive Multimedia and Computer Science with the purpose of gaining as much knowledge and as many skills as possible for a job in the field of web/graphic design, videography, and/or application development after graduation.

Employment History

Enterprise Applications, DADT Division, Ewing, NJ

Web Programmer, January 2006 – August 2007

- Write web applications for TCNJ in XHTML, PHP, Flash, and Perl. Design layouts and color schemes for web applications. Upgrade TCNJ department websites. Produce footage and assemble educational podcasts. Research techniques for design and programming of applications.
- Designed the tutorial for Lionspro, a student employment program that utilizes MonsterTrak.
- Is a co-developer on TCNJ's Target Ten Thousand Campaign Alumni dashboard (online Flash application targeting TCNJ alumni for donations).
- Proficiency in aforementioned programming languages, knowledge of office and meeting protocol, ability to work in a team environment, ability to solve problems creatively.
- Worked as the video podcaster at the eduWEB Conference 2006. Compiled audio podcasts and

submitted them for the conference. Designed Matthew Winkel's conference Flash presentation.

- Designs Flash Appeals (videos made in Flash) targeting TCNJ alumni for donations.
- Works as the TCNJ Video Specialist, shooting, storyboarding, editing, and deploying videos for TCNJ, including instruction videos for students and advertisements for TCNJ programs.

The College of New Jersey, 2006 Summer Undergraduate Research Program in Interactive Multimedia and Computer Science, Ewing, NJ

Summer Undergraduate Research Student, May – July 2006

- Worked as the head research student on Phillip Sanders' Summer Research project, completing content and programming of the Studio Project, an online multimedia project to showcase 2D and 3D art and media, featured in the Art Gallery at SIGGRAPH 2006.
- Researched techniques for programming the Studio interface in Javascript, PHP, Flash, and QScript (Quicktime Script). Designed springboard interfaces for Studio project. Assembled the Studio web application. Recorded and edited audio for use in Studio.
- Film compositing, proficiency in the aforementioned programming languages, proficiency in 2D design and web design, ability to work in a team environment, ability to direct others, ability to solve problems creatively.
- Designed and managed the Studio Project website (<http://www.studioarray.com>). Contributed several works of 2D art, including drawing, photography, and graphic design to the Studio program.

The College of New Jersey, Office of Summer Programs, Ewing, NJ

Web Assistant, June 2005 – January 2006

- Maintained the TCNJ Summer Programs website, wrote new content, designed new pages. Designed ad campaigns and wrote official Summer Programs documents as needed. Managed database of Summer Session students and Summer Session classes.
- Designed Summer Programs ad campaign. Surveyed students and analyzed data to devise a list of courses likely to yield the highest enrollment during the Summer Sessions. Designed the Summer Programs Faculty website.
- Web design, professional writing, statistics analysis, office protocol, ability to work independently, ability to solve problems creatively.
- Participated in design and data collection for Summer Programs Course Listing site now in use. Organized Summer Housing Panel to interview Summer Session students about the housing program. Collected survey data and submitted official reports to the Office of Residence Life with student suggestions for summer housing improvements, many of which have been and are being implemented.

Skills

- Very experienced with the applications Adobe CS3 Package (Photoshop, Illustrator, InDesign), Flash CS3, Dreamweaver CS3, Fireworks, Freehand, Quark Express, Maya, Combustion, Premiere, theLife Package, Final Cut Pro HD, Garageband, Audacity, Microsoft Office, Open Office, Macromedia Director, Livestage.
- Very experienced working with the following operating systems: Windows, Linux, Unix, Mac OSX.
- Proficient in the following programming languages: HTML & XHTML (including CSS and XML), C/C++, .NET, Java, Javascript, PHP, SQL, Perl, Mason, CGI, MEL(Maya Embedded Language), AJAX, Processing, Actionscript.
- Proficient in interface design and programming for the Web and software applications.
- Proficient in technical writing and editing.
- Proficient in shooting, storyboarding, and editing video.
- Extensive knowledge of object-oriented design and development.
- Extensive knowledge of UML design and project management.
- Extensive experience in project development, including working independently, working on a team, team management, and creative problem-solving.
- Semi-fluent in speaking/reading/writing Mandarin Chinese.

Activities and Honors

Artist/Programmer, 2006 - 2006

Where They Went Project, Ewing, NJ

Conceived, designed, and programmed "Where They Went: a Project in Memory," a website where an individual may anonymously submit an image and a memory of a person he misses to a collective of other memories. Users may then create dynamic art using these images and memories. The art is saved and displayed on the website. This was programmed as a community project that allows people to contribute to each other's work. It was programmed in XHTML using CSS, XML, PHP, and MySQL. Other art applications for the website were written in Actionscript and created in Flash. Some Flash applications were written to interface with PHP documents, which interfaced with the back-end database. Extensive security and validation was also written to protect the integrity of the data submitted. The project is in the process of being submitted to Turbulence.org, an online artist's museum, and may currently be viewed here:

<http://play-space.net/lynch/project/wheretheywent/>

PHP Workshop Instructor, 2006

The Association for Computing Machinery - TCNJ Chapter

Designed curriculum for student workshop instructing basics and intermediate level programming PHP for dynamic website development and PHP/database interaction.

Designer/Programmer, 2005 - 2005

The Museum of Amazing Things Project, Ewing, NJ

Designed and programmed the first version of "The Museum of Amazing Things (MATH)", a 3rd-grade level mathematics educational computer game centered around a museum full of rooms to explore. Games were hidden inside each of these rooms. Concepts taught in the game included basic arithmetic, patterns, money handling, and word problems.

Alice Faeries Project, 2003

Camden County College, Washington, DC

Animation project created in Alice instructional coding program used by Camden County College at countrywide conference in Washington, DC to help secure a grant to continue the Alice program at the school. The animation was successful in helping gain the grant and continues to be used as an example in the course's curriculum.

Alice Student Teacher, 2004

Camden County College, CCC Blackwood Campus, Blackwood, NJ

Assisted with two other student teachers in demonstration to educators of how to use Alice to teach programming concepts in high schools and colleges.

Affiliations

Phi Beta Kappa 2007 Inductee

Phi Beta Kappa Delta Chapter of New Jersey at TCNJ, Ewing, NJ

Inducted as a junior to be a Member-in-Course of the first class of inductees in the Phi Beta Kappa Delta Chapter of New Jersey at TCNJ.

ACM President, 2005-Present

The Association for Computing Machinery, TCNJ Chapter, Ewing, NJ

Elected president of ACM for Fall '06/Spring '07 term. Affiliated with the club since Fall '05. Has participated in many events and event planning, including ACM Game Night On-Campus, The Digital Fortress LAN Party, Computer Architecture presentations, multiple-level educational PHP workshops, the ACM Geek Auction, and Microsoft-sponsored events such as the Halo 3 Campus Launch Party.

Honors

Student Speaker, 2006

Department of Modern Languages, TCNJ, Ewing, NJ

Spoke to the freshman class of 2009 in Mandarin Chinese I about techniques for learning to speak, read, and write Mandarin Chinese.

Author

The Lion's Eye Literary Magazine

Has had several works of fiction and poetry published by the Lion's Eye Literary Magazine.

Contributing Artist, 2005

SIGGRAPH

Had several pieces of 2D art, including drawings, graphic designs, and photographs, published at SIGGRAPH 2006 in Phillip Sanders' Studio project.

Volunteer

Garden State Discovery Museum, Cherry Hill, NJ

Floor Volunteer/Teacher, 1997 - 2001

Worked on the floor with the child patrons of the museum, designed lesson plans and taught several lessons in the preschool program at the Museum. Designed the "Discovery Doors", an exhibit all over the museum of doors in the walls which lift up to reveal facts and pictures relevant to each exhibit in the museum. Codesigned and performed a two-person show on the floor once a week about guinea pig care and keeping.

Kennedy Health Systems, Cherry Hill, NJ

Student Volunteer, 2003 - 2004

Worked on the Physical Therapy Unit doing clerical work, maintaining equipment, and assisting in patient care for 4 months. Upon request, was transferred to the Behavioral Health and Drug Detoxification Unit when a position opened up. On this unit, did clerical work, assisted patients, fielded calls, and assembled drug test packages. Made several contributions to Adult and to Adolescent Behavioral Health outpatient programs.