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Objective

- To work within K-12 school systems on the development of structured approaches for incorporating technology into school front offices, the district central offices, and teacher classrooms.

Education

San Diego State University - San Diego, Ca *May 2006*
Degree: M.A. in Educational Technology

Georgia Institute of Technology - Atlanta, Ga *March 1993*
Degree: M.S. in Computer Science
Focus: Usability & User Interfaces, Object-Oriented Analysis & Design

University of California at Irvine - Irvine, Ca *September 1984*
Degree: B.S. in Computer Science

Skills

School/District Management Tools

- Zangle Student Information Management system.
- Blackboard & Moodle Course Management systems.
- Wimba LiveClassroom & Cisco MeetingPlace web conferencing systems.
- Apple Workgroup Manager & Apple Remote Desktop.

Web Development/Authoring Tools

- HTML & CSS, Dreamweaver.
- VBScript & JavaScript.
- Flash & ActionScript, Captivate, UPK.

Operating Systems

- MacOS – 6.x, 7.x, 8.x, 9.x, 10.2-10.5
- Windows – 98, NT 4.0, 2000, XP, Vista
- UNIX – BSD, Sun Solaris, experience with HP-UX and AIX.

Professional Experience

San Diego Unified School District, San Diego, CA *September 2006 - Present*

Instructional Designer

- Design and Implementation of web-based instructional material for SDUSD staff and teachers on the use of district-wide student management/grading software (Zangle) and business software (PeopleSoft). Development of an evaluation process for traditional and online content. Design and Maintenance of IT Training web sites.

<http://sandi.net/zangle>

<http://sandi.net/email>

<http://sandi.net/peoplesoft>

<http://sandi.net/datadirector>

SDSU Foundation, San Diego, CA *April 2007 – August 2007*

Consultant - Instructional Design

- Development of online tutorials aiding students and instructors in the use of the Blackboard Course Management System and Wimba's LiveClassroom virtual classroom application. Updated existing web-based learning modules for the course for greater level of visualization and interaction.

<http://attila.sdsu.edu/me203>

Cajon Valley Union School District, El Cajon, CA

December 2001 – August 2006

Computer Support Technician/Computer Lab Aide/After-School Program Instructor

- Support and maintenance of classroom and lab computers at 6 schools within the district. Installation and updating of the OS and software titles, troubleshooting of network issues. Training of teachers on use of software and hardware, including individual and group training sessions.
- Developed after-school programs for the *Advanced Computer Club* at Cajon Valley Middle School. Students learned to build their own web pages using Mozilla Composer.

<http://www.cajon.k12.ca.us/schools/cvms/acc>

SDSU Foundation, San Diego, CA

September 2003 – November 2006

Instructional Designer/Web Developer

- Analysis, design and implementation of the web site for SDSU Mechanical Engineering courses ME 203 (Computer Programming Applications) and ME 205 (Simulation of Physical Systems). These web pages include online instructional modules that augment the class lectures.

<http://attila.sdsu.edu/me203>

<http://attila.sdsu.edu/me205>

SDSU College of Education, San Diego, CA

January 2002 – June 2004

Technology Coach

- Worked in SDSU's College of Education, helping professors use their computers and other equipment intelligently and effectively. Maintained and upgraded Smart Classroom equipment and software.

Tibco Finance Technology Inc, Palo Alto, Ca

November 1998 - September 2001

Project Manager

- Managed the continued development of 2 Tibco Finance Desktop Applications, **MarketSheet for Windows** and **TibAutomation**. Responsible for resource allocation, scheduling, coordinating group activity, and release of new versions of the software.

KLA-Tencor, Santa Clara, Ca

June 1993 - October 1997

KLA Instruments Corporation, San Jose, Ca

June 1987 - August 1991

Project Lead - User Interface

- Performed initial feasibility study for **SwiftAccess**, a Semiconductor Manufacturing Data Analysis System. Advocated and implemented a structured, object-oriented approach to design. Defined functional specifications, managed UI development, and oversaw usability testing.
- Developed the User Interface for KLA's 300 Series Wafer Inspection Station. Performed design based on the functional spec, oversaw usability testing on interface prototypes and managed 2 additional UI programmers.

Community Volunteer Experience

Project READ, Redwood City, Ca

June 1996 - June 1999

Literacy Tutor

- Worked in the Families in Partnership Program (FIPP) by providing literacy tutoring to at-risk youth in the Redwood City public school system.

Honors: San Mateo County 1998 **Outstanding Volunteer - Educational Services Award**

Finalist: JC Penney 1998 **Golden Rule Volunteer Services Award**.

Community Impact, Palo Alto, Ca

June 1993 - September 1999

Project Manager/Community Impact Day Coordinating Committee Member

- Managed the planning and implementation of a number of projects in and around the San Francisco Bay Area. Coordinated events with location staff, registered volunteers, confirmed event status and required tools and services, and oversaw completion of each project.

Activities

Member, San Diego Chapter of Computer Using Educators (CUE)

2001 - Present

Member, International Society for Technology in Education (ISTE)

2005 - Present

Member, Bay Area Computer-Human Interaction Special Interest Group (BayCHI)

1993 - 1996

Member, American Association for Artificial Intelligence (AAAI)

1983 - 1987