

# Louis Algaze

Monterey, CA

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<http://algaze.org>

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## Executive Summary

### 25+ Years of Experience

IT Management

Project Management

Application Management

Software Selection

Website Development and Management

Database/Application Development

Systems Analysis

Technology Training and Support

Data Warehouse Development

## Significant Skills

- **IT Management:** Understand technologies and respect people
- **Project Management:** Waterfall and Agile methodologies, small and large projects
- **Business Process Improvement:** Develop process and data flow diagrams to baseline and optimize processes. Research, review and identify off the shelf or custom solutions to obtain largest return on investment
- **Application Development:** Web (HTML, CSS, PHP and JSP), Microsoft Access and Visual Basic for Applications (VBA). Standalone and middleware between and automation of Microsoft Access, Microsoft Word, Microsoft Excel, AutoCAD, Pitney Bowes Ascent and PeopleSoft
- **Programming Languages:** HTML, CSS, PHP, JavaScript, jQuery, JSON, SQL, XML, RSS, Visual Basic, PL/SQL
- **Databases:** Microsoft Access, MySQL, Oracle, SOLR, ElasticSearch
- **Report Writing:** Pentaho Report Designer, ReportSmith, Infomaker, Crystal Reports
- **Business Programs:** Microsoft Office, Microsoft Visio, Microsoft Project

## Education

- MS Management and Information Technology (MSMIT)
  - California State University Monterey Bay, Monterey, California; May 2005
- BS Mechanical Engineering
  - Cornell University, College of Engineering, Ithaca, New York; August 1991
- Project Management
  - Project Management Class 40hr, George Washington University Extension; April 2006
  - Project Management Institute (PMI) member

## Professional Experience

### IT Leader and Project Manager

March 2015 - Present

Clearing Turn Inc. @ Center for Homeland Defense & Security

- Work with CIO to set direction
- Develop and document project and task visions
- Assist staff in planning, prioritizing and tracking tasks where needed
- Summarize and report on individual and group accomplishments
- Manage and motivate 9 programmers, server managers, media developers and support staff
- Sampling of projects initiated, analyzed, managed and contributed to:
  - OAuth implementation
  - Development of innovative course-related software
  - Server hardware upgrade/switch-over
  - Selection, implementation, customization and maintenance of out-of-the-box software
  - Analysis and improvement of backup scheme and off-site vendor
  - Bulk importing content into the digital library
  - Ongoing site analysis and improvements using Google Analytics
  - Process analysis and improvements, many processes
  - Instantiation of public "Help" space
  - User hardware selection, imaging, managing and troubleshooting

**President/Owner****October 2005 – Present**

L.J. Consulting Inc.: provide systems analysis, application selection, web site development and maintenance and workstation support.

- Adjunct Faculty at Monterey Peninsula College, Spring 2014
- Adjunct Faculty at California State University Monterey Bay, Fall 2006
- Application Development: RSS Slideshow and Flipbook
- Setup, upgrades and maintenance of web site/content management system (Joomla), computer system and LAN for Monterey Peninsula Yacht Club (MPYC)
- Web site design and content updates using Wordpress for:
  - Casanova Oak Knoll Neighborhood Association (CONA)
  - Monterey Bay Student Services
  - Westdale Homeowners Association

**Learning Systems Manager****February 2009 – March 2015**

L.J. Consulting Inc. @ Naval Postgraduate School: Subcontractor for eDataTech

- Provided Sakai and Blackboard Collaborate training and support for all NPS instructors, staff and students
- Supported tracking and documenting business processes by customizing and using Jira and Confluence
- Developed tools to assist in migrating courseware from Blackboard to Sakai
- Provided course design guidance for instructors based on instructional needs
- Analyzed databases and use ETL (Extract, Transform, Load) techniques and Pentaho to develop a reporting database and management reports

**Instructional Technologist****January 2007 - February 2009**

General Dynamics Information Technology @ Naval Postgraduate School: Worked with instructional designers and student support staff to assist with Distributed Learning at the Naval Postgraduate School by training instructors, troubleshooting application and network issues as well as various projects as needed.

- Sakai, Blackboard and Elluminate Live! training and support for Distance Learning Instructors
- SharePoint Academic Affairs site administrator and developer
- Enterprise Web Content Management System project leader
- Technology group lead
- Institutional Repository Project technical contributor
- Departmental property database development and management

**Project Manager and Data Analyst****November 2005 - January 2007**

SRA International at Defense Manpower Data Center

- Analysis, definition and management of project to transfer fingerprints from one Department of Defense organization to another for person authentication at time of Common Access Card (CAC) issuance
- Analyzed, maintained and improved Defense Travel System Archive (DTSA) data and PL/SQL web based system to ensure accurate reporting

**Faculty Research Associate****May 2005 - October 2005**

Naval Postgraduate School: Database and application design using Oracle Portal and PL/SQL

**Academic Systems Programmer Analyst****March 2002 - May 2005**

California State University Monterey Bay

- OtterID project architect and manager
- Blackboard technical lead – Saved 2000 hours per semester in staff work by implementing data import from student information system
- Resource25 technical lead - Customized web viewer for integration into CSUMB web site and helped to develop alternate uses for data using RSS
- FAMIS technical lead

Supported the Administration and Finance area of CSUMB with computer support, database creation and maintenance, program selection, installation, configuration and training.

- Developed, implemented and supported property department database
- Developed warehouse recycling web pages
- Developed integrated purchase request system

- Performed data translation and conversion between various databases/applications
- Installed, deployed and configured Primavera Expedition

**Previous experience available upon request**

## **Community Involvement**

- Board Chairman and Technologist for ITN Monterey County
- Monterey Community Emergency Response Team (CERT) Volunteer
- In-boat instructor for Monterey Peninsula College Sailing Program
- Team Captain for several volleyball leagues
- Beta Theta Pi Social Fraternity
- Guest Speaker and Net-Day Volunteer at Pacific Grove Middle School