Louis Algaze

Monterey, CA	louis@algaze.org	https://algaze.org

25+ Years of Experience	Application Management	Systems Analysis
IT Management	Software Selection	Technology Training and Support
Project Management	Website Development and Management	Data Warehouse Development
Workstation Management	Database/Application Development	Networking

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, ETL
- **Networking**: Management of hardware (routers, switches, NICs), software configuration (DHCP, TCP/IP, VPN), and troubleshooting (ping, tracert, netstat)
- **Report Writing**: Pentaho Report Designer, ReportSmith, Infomaker, Crystal Reports
- **Business Programs**: Office Suites (Microsoft, Google) Charting (Microsoft Visio, Gliffy) and Project Management (Microsoft Project, Jira, Trello)

Education

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

Professional Experience

Systems Manager   **September 2020 – Present**

Digital NEST
- Set direction for organization-wide systems utilization
- Manage projects for new software service implementations: Password manager, e-signature, CRM
- Manage several technology budgets
- Configure, maintain and improve all in-house IT systems including network, servers and printers
- Manage settings, accounts and vendor coordination for hosted applications; gSuite (Google Workspace), Microsoft, Zoom, Adobe, asset management, accounting system, ISP, etc.
- Track and keep updated pool of company assets; laptops and computer accessories
- Provide technical Assistance to staff

IT Leader, Project Manager and Developer   **March 2015 – September 2020 (5+ years)**

Clearing Turn Inc. @ Center for Homeland Defense & Security
- Worked with CIO to set direction
- Developed and documented project and task visions
- Assisted staff in planning, prioritizing and tracking tasks where needed

- Summarized and reported on individual and group accomplishments
- Managed and motivated 9 programmers, server managers, media developers and support staff
- Sampling of projects initiated, analyzed, managed and contributed to:
  o OAuth implementation
  o Virtual Reality (VR) development
  o Development of innovative course-related software
  o Server hardware upgrade/switch-over
  o Selection, implementation, customization and maintenance of out-of-the-box software
  o Ongoing site analysis and improvements using Google Analytics
  o Instantiation of public "Help" space
  o User hardware selection, imaging, managing and troubleshooting

President/Owner   **October 2005 – Present (14+ years)**

L.J. Consulting Inc.
- Adjunct Faculty at Monterey Peninsula College, Spring 2014
- Adjunct Faculty at California State University Monterey Bay, Fall 2006
- Application Development: RSS Slideshow and Flipbook
- Monterey Peninsula Yacht Club Volunteer Webmaster & Technical Consultant
  o Setup, upgrades and maintenance of web site/content management system (Joomla) at https://mpyc.org
  o Setup, upgrading and troubleshooting computer systems and LANs
  o Installation, configuration and support of door lock and security camera systems
- Web site design and content updates using Wordpress for:
  o Casanova Oak Knoll Neighborhood Association: http://cona.info
  o Monterey Bay Student Services: http://montereybaystudentservices.com
  o Westdale Homeowners Association: http://westdalehoa.org/
  o Creason's Fine Art Gallery: http://creasonsfineartgallery.com/

Learning Systems Manager   **February 2009 – March 2015 (6 years)**

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 (2 years)**

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
- Departmental property database development and management

Project Manager and Data Analyst   **November 2005 - January 2007 (1 year)**

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

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