



JOHNNY ADAMS

3857 Birch Street No. 182

Newport Beach, CA 92660

(949) 640-0355 • (949) 922-9786 (cell phone)

Email: j54321y *at* yahoo.com

Web: www.JohnnyAdams.com/ageinfo.pdf

www.JohnnyAdams.com/vision.htm

Vision To use conventional medical methods, and develop new methods and therapeutics to slow the process of aging and eventually intervene in the causes of aging, as well as treat the diseases of aging.

See www.JohnnyAdams.com/vision.htm for vision statement.

Background and Personal Qualifications

- **Uses technology as a tool to make biomedical information available and useful -- improve communication and efficiency, answer questions, solve problems, make smart decisions, and create value and ROI – and improve the quality of life**
- **Biotechnical, Software, Business, Management, Marketing, Speaking and Training Experience**
- **Bioinformatics, Protein Informatics** -- to answer questions about proteins, genes and biology, and solve problems
- **Clinical Trials** – Approve new therapeutics with analysis and reporting and software
- **Computer Aided Drug Design** -- save time, increase the effectiveness of a drug development program, eliminate bad drug candidates early and get to market sooner. Includes molecular design and visualization, pharmacophore modeling, combinatorial library design, docking, high throughput screening, SAR/QSAR, and ADME/Tox screening, and others
- **Software Development and Computer Programming** ASP.NET, C#, SQL Server, SQL Reporting Services (SSRS), AJAX, data mining, Perl, JavaScript, Java, Visual Basic, JavaServer Pages, JBuilder, HTML, SAS. Unix, Linux and Windows environments. RCS, apache. Oracle database with SQL Navigator, SQL, SQL Server, Access & MySQL databases. Molecular visualization and modeling tools. SQL*XL Excel/Oracle interface. Active Server Pages (ASP), Visual InterDev, VBScript, Web, XML.
- **Great with People** -- Excellent communication skills, results attitude, flexible, honest, can handle pressure and deadlines. Interacts well with people with all levels of technical experience
- **Gets results fast** -- Adapts quickly to changing requirements, priorities, and technologies. Can quickly assemble a team of specialists for projects
- **Some accomplishments** Saved physician/scientist over two weeks per year of spreadsheet editing by creating data management and display system -- Saved department manager 75 days of repetitive data entry over next five years by creating simple automated process -- Saved busy customer service reps (whose time is best spent solving customer problems) 16 days per year compared to manually entering data by automating data upload required to bring new products online -- Reduced customer service calls by 40% by creating error handler, and analyzing user behavior to track down and obscure bug (written by previous programmer) that was causing frequent errors -- Saved company \$8,400 in programming costs over 6 mos. -- saved \$1,020 per month in service costs by handling support previously contracted to outside service company -- Saved 3 hours on initial run, and 6 hours on followup runs with .NET solution -- Leadership role to bring product through full life cycle -- Developed quality code, on schedule and on budget -- Quickly produced results with new technologies
- **Authored book** *Stay Younger, Be Happier, Live Longer Anti-Aging Manual* with Lord Lee-Benner, M.D. F.A.C.E. The AntiAging Doctor
- **Member, Organizing Committee** for landmark aging intervention conference "Anti-Aging Drug Discovery & Development Summit" on 15-16 October 2002, Westin St. Francis, San Francisco
- **Helped bring the messages to the world** for Dr. Lee-Benner, M.D., F.A.C.E. www.TheAntiAgingdoctor.com and www.AgelessAnimals.org
- Active in **Gerontology Research Group** www.grg.org Created admin interface and display for supercentenarian information
- **Conferences and Meetings** Gerontological Society of America, Integrative Medical Therapeutics for Anti-Aging Conference, First Annual Phoenix Conference of Longevity Health Sciences, Ellison Medical Symposium on Aging, Los Angeles Gerontology Research Group meetings, Symposium on Organisms with Slow Aging (SOSA). Bio2001 Biotechnology Conference (San Diego CA, June 2001), Protein Informatics (San Diego, 2001). Accelrys Advances in Computational Drug Discovery Seminar. Tripos Drug Discovery Seminar, Accelrys Accelerating Target Identification and Characterization and ongoing.
- **Continuing Education** Comprehensive Program in Computer Aided Drug Design (1 week program, UCSD Extension, March 11-15, 2002), Comparative Protein Modeling, Molecular Interaction in Biological Systems,

Bioinformatics, Small Molecule Formulation Development" (May 15, 2002). Molecular Pharmacology and Drug Discovery I (May-June, 2002), Riding Biotechnology Waves (June 20-21, 2002), in-house presentations at Syrrx and others ongoing

- **Memberships** Gerontology Research Group, ISHARE (International Society for Healthy Aging Research and Education) former member International Society for Computational Biology, The Protein Society
- **Web Development and Internet Marketing** -- High ranking in search engines, content rich web sites, traffic analysis, opt-in newsletters, shopping cart, merchant account, affiliate programs, link popularity, tracking links.
- Active in local charities, frequently made presentations to software groups in a wide range of technologies.
- Motivated to improve the quality of life

Education

Technology and Biological Training UCSD Extension ongoing -- Computer Aided Drug Design, Drug Discovery and Development, Molecular Biology, Bioinformatics, Comparative Protein Modeling, Molecular Interaction in Biological Systems (molecular and protein function and interaction). In-house presentations at Syrrx and others ongoing. Computer technology, software development and programming. Software Engineering, Database design, Distributed Objects on the Web. Software, hardware. Requirements Specifications, Design Specs, E-R Diagrams, Data Flow Charts, Quality Control Procedures and Testing, Documentation, Training, Support, Novell networks (CNA courses)

MBA University of Southern California, 1985 -- Deans List, Albert Quon Community Service Award, George S. May Scholarship, CA State Fellowship.

BA psychology (physiological emphasis) California State University Fullerton, 1983

Positions and Projects

Aging Intervention Foundation Newport Beach, CA 2008 to present

Software Consultant 2002 to present

Proteome Annotations San Diego, CA Bioinformatics/Protein Informatics July 2002 to Nov. 2002 Start-up company associated with UCSD and the San Diego Supercomputer Center. Part of team to introduce Encyclopedia of Life computational system described at <http://www.eolproject.info> into commercial use. System automates the annotation of all proteins of a selected genome. See <http://arabidopsis.sdsc.edu> for sample.

Webmaster for Dr. Lee-Benner www.theantiagingdoctor.com and www.AgelessAnimals.org ongoing. HTML, Javascript, implemented sound files, design considerations for Internet Explorer and Netscape, online newsletter. Prepared demo for web-based training system. Installed Microsoft Site Server Commerce Edition and became familiar with its features (setup, analysis, reporting, pipelines, CyberSource, etc.). Search engine optimization, web log file analysis.

Gerontology Research Group Volunteer for non-profit organization ongoing -- Administer E-mail list. Created marketing brochure. Selected, implemented, configured and documented web forum software. Developed parser program to convert text files HTML tables for centenarian research.

Aug. 2002 Created phylogenetic trees and Newick tree format files from fasta files using ClustalW, PHYLIP and Phylodendron web sources.

Newick tree file sample: www.JohnnyAdams.com/NewickTreeFile.txt

Phylogenetic tree examples: www.JohnnyAdams.com/PhylipTree.pdf

and www.JohnnyAdams.com/PhylodendronTree.pdf

Sample curvogram: www.JohnnyAdams.com/PhylodendronCurvogram.pdf

Created web links on nodes of tree: Go to www.JohnnyAdams.com/Animalplotfile.pdf -- for a humorous example turn your speakers up and click on "Monkey", click on "Dog" to go to a real scientific reference.

Developed outline for computer aided drug design strategy for development of drug to replace only treatment currently available but has unacceptable side effects.

Syrrx, Inc. www.Syrrx.com San Diego, CA Bioinformatics/Protein Informatics consultant. Nov. 2001 to July 2002. Developed programs to process data to increase the effectiveness of biologists and crystallographers and improve the drug development process. Syrrx is the leader in the field of structural proteomics, the process of generating protein structures from genetic information leading to new drug discovery.

Perl, Visual Basic and Java programming, Unix and Linux environment, Oracle database with SQL Navigator. Molecular visualization and modeling tools. SQL*XL Excel/Oracle interface.

Developed programs and utilized data from biological databases and web sites, processed protein data bank files and implemented programs downloaded from university and other public sources. Examples -- Developed programs for high throughput processing of structures utilizing CE (Combinatorial Extension) and Sequoia for structural alignment and overlay, KSDSSP to generate helix and sheet records from PDB file to splice into PDB file. Stride program to generate fasta file from atom record file.

Coded perl programs to run sequence and structural alignment and overlay novel structure against the entire PDB or DALI domains, then parse out sequence and structure alignment scores, RMSD, equivalent matches and other results, then calculate other values, then insert results into Oracle database. Calculate center of mass and distance from PDB file, and to display each combination of RMSD. Used clustalw in combination other programs to align kinases on binding sites then overlay entire structures by reading transformation matrices and processing. Programs to batch download fasta formats from PDB, categorize kinases by domain. Processed data using Dali domains (www.ebi.ac.uk/dali/domain/3.1beta/DaliDomainDefinitions), and BIOLIST entries on EBI/EMBL site at <http://pqs.ebi.ac.uk/pqs-doc/pqs-doc.shtml> (select "BIOLIST" near the bottom). Developed prototypes for annotation system to allow for custom annotation and review of PDB entries.

Created Oracle databases, stored procedures and views. Maintained and upgraded complex perl-cgi site. Used online databases like <http://www.pdb.org/>, <http://www.expasy.ch/>, www.expasy.ch/prosite/, www.ncbi.nlm.nih.gov/, <http://scop.mrc-lmb.cam.ac.uk/scop/>, http://www.biochem.ucl.ac.uk/bsm/cath_new/index.html and others.

Protein Data Bank www.pdb.org San Diego, CA Bioinformatics Internship, Projects and Training 9/01 to 11/01 Developed program to calculate structural distance based on RMSD, equivalence, RMS cutoff and number of CA atoms. Analyzed and made recommendations for upgrade of protein modeling system. Designing new web pages (HTML, JavaServer Pages) for Protein Data Bank.

Protein Kinase Resource – Redesigned search page http://pkr.sdsc.edu/html/simple_search.shtml for Netscape-friendly formatting.

Consultant Newport Beach, CA 6/01-9/01 to present -- Routinely beat projected deadlines. Worked as part of a team to make the client really happy with our work. Our team produced a VB/Web solution in 5 person-months with the most needed 80% of the features of an application that had taken another group 4 person-years to produce. ASP, VB, JavaScript, reporting, COM+ objects. Data driven web site, direct connection over internet from VB app to IP address of database as though it's a LAN connection (gets recordsets fast). ActiveReports with PDFs (IE and Netscape) and RDF (IE) format. Client side debugging. Worked remotely with PCAnywhere via cable modem connection.

Developed program to convert text files with misaligned columns and inconsistent line formats into HTML tables. Created object to create and save XMLs, and read for insertion into database. Installed Microsoft Site Server Commerce Edition and became familiar with its features (setup, analysis, reporting, pipelines, CyberSource, etc.). Selected, implemented, configured and documented web forum software. Administered E-mail list. Prepared demo for web-based training system. Geographic and other information systems

The following two 2-year positions were like one 4-year position -- when DataSite went out of business, CRS (DataSite's main customer) brought me in to do essentially the same work.

CRS Clinical Research and Statistics Scottsdale, AZ 4/99 to 6/2001 -- Developed and maintained clinical trial analysis and reporting, medical informatics, and clinical outcomes systems for the web and PC. ASP, HTML, objects, Microsoft Visual Studio, Visual Basic, Visual Interdev. Database access using complex SQL statements to SQL Server and Access. Reporting programs, create COM objects to process data and output HTML directly to the browser. Validate ASP data with JavaScript then update database with object, and other JavaScript methods.

DataSite Irvine, CA 11/97 to 4/99 -- Produced high quality medical information systems software, on schedule for clinical trials and medical outcomes company. Visual Basic 6.0 & prior versions, HTML, ASP, Visual InterDev, SQL Server 7.0 & 6.5, Access 97, Crystal Reports. Developed web applications using ASP, Visual InterDev, VBScript, HTML, FrontPage, and standalone apps with VB. Object oriented programming, ActiveX DLLs & EXEs, ADO, RDO, DAO. Data Environment, Data Transformation Services (DTS), upsizing wizard, SourceSafe, Netmeeting. Administered SQL Server, performance tuning & optimization. Database design for normalization, referential integrity, etc. Worked with customers and doctors to solve problems and build custom reports. Created programs and queries to locate and clean up invalid data and update data based on customer requirements, write to and retrieve from the registry, and accomplish other tasks. Troubleshoot and fix original programs written in VB3.0. Developed complex SQL statements and stored procedures. I was one of the two remaining programmers (out of 8) until the company went out of business in April, 1999.

PayUSA Santa Ana, CA 5/96 to 11/97 -- Leadership role to bring product through full life cycle. Wrote design specification, coded payroll system. Visual Basic 4.0, Access, R&R Report Writer. Farpoint grid, Crescent controls, API. DOS to windows conversion for national distribution to clients. Programmed complex code, SQL statements, validation and reports. Worked with people from other departments to develop design specification, prepared platform analysis and programming standards. Converted R&R Xbase reports to SQL. Project was completed, so I left to take position with DataSite.

Software Consulting 1995-1996 -- Gradually gaining programming experience

Biomedical Market Newsletter Costa Mesa, CA 1996 -- Developed Visual Basic system to launch files in excel, dBase and text editor applications. Prepared installation discs, scanned image for graphic, developed icon with icon generator, completed documentation and supported end users.

FirstTeam Real Estate Corp. Costa Mesa, CA 10/95 -- Visual Basic 4.0 project. Enhanced sales system.

Nations Title Irvine, CA 9/95 to 10/95 -- Visual Basic 3.0 contract position for company owned by 4th largest title company in US. Order processing system using Access back end, Sheriff's Power Guides framework and code generator, Sheridan tabs, Crescent tools and Crystal reports.

Automobile Club of Southern California Fountain Valley, CA 8/95 --VB contract position with Microsoft Access. Upgrades, maintenance and debugging of insurance claims processing system.

Onsite Solutions Newport Beach, CA 7/95-8/95 -- Coded reusable VB modules to display status of users on database and history of database activity, order entry screen with MDI forms.

Baxter Biotech Santa Ana, CA 2/95 to 4/95 -- Tech support contract, PCs and Macs.

Sentry Medical Products Irvine, CA 1995 -- Designed Visual Basic system to reformat text documents and look up values in Access tables. Application accomplished what previously took 2 days of manual data entry in 20 minutes. Prepared documentation, trained users.

Developed training materials and custom formats for Microsoft Windows, Excel and DOS. Installed and operated mapping software, file conversion and antivirus software, and other specialized packages.

Troubleshooting and repair of software and hardware, some VAX.

McDonnell Douglas Travel Company Irvine, CA Systems Analyst 4/93 to 2/95 -- Interface between programmer and users, and LAN, PC and Mac support. Saved company \$8,400 in programming costs over 6 mos. by solving Clipper and dBase problems, and finding less expensive ways to prepare reports than rewriting programs. Saved \$1,020 per month in service costs by handling on-site LAN and PC support previously contracted to outside service company. Obtained Clipper and local area network solution and solved problem that had shut down accounting dept. leaving employees idle during month end closing. LAN & PC support included troubleshooting of Novell 3.11 local area network, Windows, PCs and Macs, Software drivers, Word, cc:Mail, Harvard Graphics, Pagemaker, Planperfect, modems, and other utility and communications packages.

Marketing Consultant Irvine, CA 1985-1993 -- Marketing and sales.

Full Time Student USC MBA Program Los Angeles, CA 1983-1985

Omnimedical Paramount, CA Medical products and services company. Quality Assurance Supervisor, Training Coordinator, Electrical Safety Coordinator 1979 to 1983 -- Developed training program, quality assurance and electrical testing programs. Medical device and services company specializing in computerized tomography (CT) brain scanners and medical services.

And before that I was a student and a musician.

Personal Past volunteer UCI Brain Imaging Center, Philant non-profit health care organization (www.Philant.org), Olive Crest Homes for Abused Children, the United Way, and former Secy/Treas for the Orange County Visual Basic User Group. Founder, "Johnny Adams & Friends for Charity". Enjoys boating and fitness, exciting work and helping people, music, astronomy photographs, family oriented. Featured in the Orange County Register (2/95).

Call me at (949) 640-0355