Haig Evans-Kavaldjian

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Work History

Senior Software Engineer **TCG Inc.**
March 2009 – present **Washington, DC**

Senior engineer, software architect, or technical project lead for several major software systems: NITRC, the Neuroimaging Informatics Tools and Resources Clearinghouse, LAHMDI, an initiative to link animal models to human disease, and the BRAIN, the Biomedical Research and Information Network data collection and presentation platform, all for the National Institutes of Health; DataPoint, an analytics system consolidating Federal agency financial and operational data for the Office of Management and Budget; and Integrity, the U.S. Office of Government Ethics system for electronically filing and reviewing public financial disclosure reports.

Major Tools: Agile processes, Linux, Apache, PHP, Python, MySQL, PostgreSQL, RESTful APIs, Slim Framework, Javascript, jQuery and various plug-ins, Ajax, JSON, HTML, CSS, OMB MAX PaaS, Drupal, JIRA, SourceForge, Subversion, Git.

Web Application Developer **Yakabod, Inc.**
August 2007 – February 2009 **Frederick, Maryland**

Helped develop the *Yakabox,* a highly interactive web-based knowledge management and collaboration tool (think "Facebook for Business") built on the LAMP stack and used by more than 10,000 federal government users.

Designed and implemented a shared "to do list" module allowing tasks to be attached to any content object in the system.

Designed and implemented system-wide object tagging, tag profile pages, and an interactive tag cloud exploration page.

Designed and implemented an audit trail module with an ultra-user-friendly interface and a developer-oriented API.

Major Tools: Agile process (Scrum), Linux, Apache, MySQL, PHP, Javascript, Ajax, Dojo, jQuery, XML, JSON, CVS.

Independent Web Consultant **Arts & Letters**
January 2001 – present **Lovettsville, Virginia**

Design and implement interactive websites with web application features for small businesses and non-profits, often using my own custom content management system (CMS) built and deployed on the Linux/Apache/MySQL/PHP (LAMP) stack.

Recent website work: www.kristenkswanson.com, www.bittersweetdesignstudio.com, www.paversandpondsplus.com, www.artatgardencorner.net. Other recent work: a ticket request system and an e-newsletter tool for www.bluemont.org.

Major Tools: Agile process, Linux, Apache, PHP, MySQL, RESTful APIs, Javascript, Ajax, JSON, HTML, CSS, Adobe CS3.

Computer Specialist III / Internet Software Architect **U.S. Department of Commerce/OS/OCIO**
September 1999 – August 2007 **Washington, DC**

Developed and/or managed numerous software development projects and operational systems, including top-level public websites for DOC, the Office of the Secretary, and OS staff offices; mission-critical web-based applications such as the Department's Emergency Notification System; the Learning Management System (LMS) used throughout the Department; and several specialized intranet/extranet web applications operated by the Department (LAMP, Microsoft, Lotus, *etc*).

Acted as technical liaison and day-to-day project manager for vendors and external government agencies on projects including a "from scratch" Department-wide identity-based intranet design and development project (Java, PHP, LDAP).

Supported other offices within the Office of the Secretary by helping customers define requirements, drafting requests for proposals and statements of work, evaluating proposals, aiding in project management, and validating contract deliverables.

Represented the Department in meetings with Congressional staffers and in cross-agency initiatives spearheaded by the Office of Personnel Management, the Office of Management and Budget, and others.

Carried out special research projects, technology analyses, and feasibility prototypes at the direction of senior officials. Implemented and evangelized web accessibility initiatives (Section 508 compliance) and Agile business processes.

Major Tools: Agile process, Linux, Apache, MySQL, PHP, Javascript, XML, HTML, CSS, SVG, Subversion, GeoMaestro LMS.

Senior Systems Architect / Project Manager   **Ellsworth Associates, Inc.**
August 1998 – September 1999   **Vienna, Virginia**

Primarily on-site at the DOC. Substantial business development role. Managed a team of web developers working directly with our clients— graphic designers, application developers, and database specialists (some of them subcontractors).

Implemented a complete functional, structural, and cosmetic redesign of the top-level DOC website (Lotus Notes).

Relaunched the e-commerce website of the International Trade Administration's Tourism Industries unit (Microsoft, Lotus).

Identified, designed, and developed several intranet applications for the Office of the Secretary (Lotus Notes).

Senior Systems Analyst   **Castle Rock Consultants, Inc.**
April 1998 – August 1998   **Leesburg, Virginia**

Helped launch and manage the Foretell project (a joint endeavor of five U.S. states, the U.S. Department of Transportation, and Environment Canada) providing real-time integrated information on weather and roadway status to multiple constituencies, including state and local governments, commercial vehicle operators, and the driving public.

Developed the system architecture and helped lead our subcontractors in building, launching, and maintaining a comprehensive traveler information system for the city of Branson, Missouri, with a website and an interactive voice response system providing up-to-the-minute road conditions and other information useful to Branson visitors (Microsoft).

Senior Systems Analyst / Team Leader   **Ellsworth Associates, Inc.**
April 1996 – April 1998   **Vienna, Virginia**

On-site at the DOC's U.S. & Foreign Commercial Service (US&FCS). Managed numerous Ellsworth and subcontractor staff (systems analysts, programmers, and quality assurance and user support specialists), scheduled work assignments, monitored and reported task status, and ensured high quality work.

Also active on several development and maintenance tasks, including a comprehensive personnel management system used by the Office of Foreign Service Personnel; client and event management systems and other tools used throughout agency; and an intranet that helped unify the 2,000 members of the Commercial Service at more than 250 posts worldwide (Lotus).

Programmer / Analyst   **Cost Management Systems, Inc.**
November 1993 – April 1996   **Vienna, Virginia**

Supported a number of clients including the American Insurance Services Group, the Logistics Management Institute (LMI), the National Aeronautics and Space Administration (NASA), and the U.S. Department of Defense.

Managed and helped develop a desktop search tool tied to an underwriting database used throughout the U.S. insurance industry (Microsoft Windows runtime environment, C++, Magnacomm, Vitamin C).

Developed LMI's very first website, an application that brought together disparate resources at numerous NASA, academic, and commercial sites in a single, unified application discovery and launch tool (HP-UX, Solaris, Windows, MacOS, HTML).

Designed and implemented applications for travel management, action item workflow, and assessment of the corporate health of DOD suppliers and U.S. industrial capability to meet national defense requirements (Lotus Notes).

Programmer / Analyst   **Ellsworth Associates, Inc.**
November 1992 – November 1993   **Vienna, Virginia**

On-site at DOC. Responsible for office automation analysis, application design, programming, and documentation.

Developed a system to automate tracking of Congressional correspondence for the Office of Legislative Affairs (Clipper).

Helped maintain the time and attendance package used by 15,000 DOC units throughout the world (DOS, C, Clipper).

Helped design and develop a system for auditing leave balance discrepancies between the DOC's records and those of its payroll service provider, the USDA's National Finance Center (C++).

Production Assistant / Systems Analyst   **Bruce Morgan Associates, Inc.**
January 1991 – November 1992   **Arlington, Virginia**

Improved day-to-day work systems using available software (WordPerfect, Lotus 1-2-3). Proposed and implemented a database system to track incoming and archived periodicals; a sophisticated document construction and routing system; and a tool for assigning index terms from a controlled vocabulary to documents produced by the firm's research analysts, later used to automatically generate comprehensive weekly, monthly, semi-annual and annual indices of those documents.

Awards & Honors

March 2002, recognition luncheon with Samuel H. Bodman, Deputy Secretary of Commerce, for exemplary contributions.

June 1999, Certificate of Appreciation presented by Leslie R. Doggett, Deputy Assistant Secretary of Commerce for Tourism Industries, for the successful launch of the American Pathways 2000 website.

Numerous cash-in-a-flash, annual performance, and time-off awards during my tenure at the Commerce Department.

Education

College Coursework

1999 – 2000	Shepherd University, Shepherdstown, WV, BA Candidate, Regents Degree
1992 – 1993	James Madison University, Harrisonburg, VA, BS Candidate, Computer Science

Specialized Training

June 2012	Site Building with Drupal
June 2012	Drupal Module Development
January 2007	Rails Edge Conference, Pragmatic Studio
November 2005	Ruby on Rails, Pragmatic Studio
October 2005	PMBOK Project Management Professional (PMP) Certificate, George Washington University / ESI
June 2004	Adobe Photoshop 6.0 Intermediate
April 2002	Web Component Development Using Java Technology (SL-314)
March 2002	Java Programming Language (SL-275)
September 1999	Lotus Notes R5 Domino Programming and Application Development Updates
June 1997	Lotus Domino Technical Workshop
Autumn 1996	Lotus Notes R4 Application Development Update I & II

Security Clearances

2009   Top Secret with Full Scope/Lifestyle Polygraph clearance undertaken for NSA (SSBI complete, polygraph pending)
2000   Secret clearance approved by OPM for USDOC
1995   Secret clearance issued by DISCO