

John F. Kraus, MS, MBA, CFA, MS
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Active TS/SCI clearance + CI Poly - U.S Citizen

SUMMARY

- Active TS/SCI-CI poly cleared software developer.
- Three years' software development experience.
- Master of Science, Software Engineering, George Mason University, 2009.
- Seeking professional growth and skill set enhancement in a stimulating work environment. Enthusiastically embracing the opportunity to learn new technologies and platforms. Will consider a longer commute for the right opportunity but unable to relocate.

RELEVANT EXPERIENCE

NuWave Solutions, LLC
January 2010 – November 2012

Software Developer

- Software developer and consultant on various contracts.
- Clients include DIA, NGA and the U.S. Army.
- Software technologies involved include:
 - Java, Web services, J2EE, Servlets, JavaScript, analytics, business intelligence, DHTML, Struts/Freemarker, Linux (DoDIIS Linux Build 2.x), BASH scripting, Ajax, VMware, Tomcat, web graphic design and related technologies;
 - Oracle Endeca Information Discovery, a unified information access platform that integrates large volumes of unstructured, semi-structured, and structured information into a unified environment for processing, analysis and decision-making (encompasses ETL, business intelligence);
 - Oracle Endeca Content Acquisition System (CAS) and Web crawler;
 - Ozone Widget Framework (OWF) and Ozone Marketplace (OMP);
 - Ext JS and jQuery, JavaScript frameworks for interactive web app development using Ajax, and DHTML; and
 - Jive Social Business Software for cloud-based collaboration and social applications (performed COTS customization and plug-in/widget development); and FTL, a Java-based template engine similar to Struts and focusing on the model-view-controller software architecture.

John Kraus Creative Web Services
January 2009 – Present

Freelance Web Developer

- Completely redesigned the McLean, Virginia, Highlands Swim and Tennis Club website (<http://highlandsswim.org>) in 2010; performing ongoing maintenance, enhancements since 2010.
- Webmaster for www.jayneodonnell.com, a website promoting book author and USA Today consumer and money reporter Jayne O'Donnell.

Landmark Research
1985-1986

Computer Programmer

- Coded experimental real estate valuation applications conceived by University of Wisconsin Real Estate Department Chairman Dr. James A. Graaskamp; part-time. MS-DOS BASIC

EDUCATION

George Mason University, Fairfax, Virginia

- *Master of Science*, Software Engineering, Web application emphasis

2009

CFA Institute of USA, Charlottesville, Virginia

- *Chartered Financial Analyst* (#53236) 2002

University of Wisconsin, Madison

- *Master of Business Administration*, Finance, Investment and Banking 1986
- *Master of Science*, Real Estate Appraisal and Investment Analysis 1985

University of Wisconsin, Eau Claire

- *Bachelor of Arts*, Political Science 1976

SKILL SET

- Java, J2EE, Web Services, Servlets, JavaScript, Ext JS, jQuery, Ajax, digital graphics, (D)HTML, CSS, Web applications, Eclipse, Subversion, JIRA, Linux (including DLB 2.x), VMware, soapUI, <oXygen/>; learning Python and R and amateur radio license BOK.
- Business intelligence/ETL/unified BI access using Oracle Endeca Information Access Discovery;
- XML, XSLT, Java Saxon API, schema validation and Intelligence Community metadata schema;
- TCP/IP, Snort network intrusion detection and Wireshark; and
- Technical writing; research.

SELECTED ACCOMPLISHMENTS

- Primary Software Developer, open source intelligence tools implementing the Oracle Endeca Content Acquisition System (CAS) Web Crawler and METS (see below). (Java, Web services, Linux, BASH scripting, Tomcat, XML, soapUI, VMware and <oXygen/>) From open source content collected by the crawler METS extracts and tags entities returning XML documents (PUBS, DDMS schemas, etc.) For processing and analysis, Oracle Endeca integrates the data and renders it to a web-based interface. Deployed on a Linux virtual machine with VMware Workstation. (In progress.)
- Software Developer and Tester, Metadata Extraction and Tagging Service (METS) (<https://mets-test3.egovservices.net/>). (Java, XML/XSLT/XPath, <oXygen/>, soapUI, HTML, CSS, Tomcat and JavaScript) Coded and tested Extensible Stylesheet Language Transformations (XSLTs) which generate XML documents meeting IC specifications and also configure Tomcat. Coded a Java package validating METS XML output against data encoding schemata for intelligence publications and Schematron rules. Serving the Intelligence Community, METS extracts and tags information from unstructured electronic documents allowing integration of new information with existing structured data libraries for improved search, analysis, and knowledge discovery. METS automates normalization of, and extraction of information from, unstructured text documents. Output formats include XML and OWL (Web Ontology Language)/RDF (Resource Description Framework). (2011)
- Programmer/Consultant, Defense Intelligence Agency (DIA) jSpace and Q-Space joint virtual collaboration environments. Encompassed entailed Jive Social Business Software COTS customizations, plug-in and widget development, unit testing, documentation, web page and graphic design, problem-solving and research, agile, Subversion/SVN and configuration management. (2010-2012)
- Consultant, National Geospatial-Intelligence Agency (NGA) WebTop Modernization Project. (Ozone Widget Framework/OWF/OWM, Tomcat and Linux) Primary editorial contributor to a Service Oriented Architecture Governance study. Consulted on NGA's initial implementation of the Ozone Widget Framework. (2011)

WORK HISTORY

Consultant/Software Engineer , NuWave Solutions, LLC, McLean, Virginia	January 2010-November 2012
Web Developer , John Kraus Creative Web Services, McLean, Virginia	2009-present
Senior Vice President , Q10 Realty Mortgage and Investment Company, Stamford, Connecticut	2006-2007
Vice President , Real Estate Investment Banking, Commerzbank/Eurohypo AG, New York, New York	2005
Director, Real Estate Investment , Northwestern Investment Management, McLean, Virginia	1986-2005
Real Estate Investment Analyst , The Madsen Company, Madison, Wisconsin	1985-1986
Computer Programmer , Dr. James A. Graaskamp/Landmark Research, Madison, Wisconsin	1985-1986
Legislative Assistant , Wisconsin Legislature, Madison, Wisconsin	1978-1984