

**KEVIN RASCH**  
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(865) 691-1635

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**EDUCATION:**

9/91 - 1/93 **Stanford University**, Stanford, CA                      GPA: 3.9/4.0  
**M.S. Computer Science** - concentration in Database Systems

9/84 - 5/88 **Rhodes College**, Memphis, TN                      GPA: 3.9/4.0 (4.0/4.0 in Computer Science)  
**B.A. Computer Science/Business Administration** - *Magna cum laude*

**EXPERIENCE:**

- 10/95 – Present **Program Manager**, UT-Battelle LLC (Lockheed Martin prior to 4/00), Oak Ridge, TN
- Program Manager and Principal Investigator for the Center for Infrastructure Security Analysis, a strategic partnership with the Department of Homeland Security to improve security of our nation’s chemical infrastructure (Annual budget: \$10.8 million—Lifetime: nearly \$200 million)
  - Program Manager and Principal Investigator for the \$17.2 million Objective Supply Capability Adaptive Redesign (OSCAR) system which streamlined Army National Guard mobilization and provided automated nationwide redistribution of high-end equipment, saving American taxpayers over \$123.5 million in cost avoidance
  - Successfully increased funding and personnel for development of the OSCAR system
  - Team Leader, Advanced Computing Solutions (front-line management of team of 5-15 people)
  - Complete performance evaluations and coach subordinates in their professional development
  - Initiate contact with potential customers and successfully secure new funding for team members
  - Systems Administrator for both UNIX and Microsoft Windows servers
  - Oracle Database Administrator for systems located in Oak Ridge, TN and Washington, DC
  - Principal Investigator for the \$895,000 Personnel Accountability Scanning System (PASS) that used a wireless network of scanning devices and a database system to rapidly account for personnel during an emergency evacuation of the Enriched Uranium Operations facility
  - Principal Investigator for the multi-disciplinary \$1.4 million National Geospatial-Intelligence Agency (NGA) Evacuation Monitoring and Accountability System (EMAS) project that used active radio frequency identification (RFID) tags to perform personnel and property accountability within the sponsor’s Navy Yard facility in Washington, DC
  - Technical Manager for the \$906,400 Optimal Redistribution of Supply Excess (ORSE) system that provided the National Guard Bureau of over \$80 million per year in cost avoidance
  - Successfully secured \$1.4 million of new funding from the National Geospatial-Intelligence Agency and over \$17.9 million of new funding from the National Guard Bureau
- 3/95 – 9/95 **Research Associate**, University of Tennessee, Knoxville, TN
- Developed and enhanced the Documentation Management System (DMS) which utilized the massive storage capabilities of read/write optical jukebox technology to manage controlled documents and their revisions
  - Mentored and secured funding for junior programmers
- 3/93 – 3/95 **Senior Programmer**, Midwest Technical, Oak Ridge, TN
- Designed \$250,000 client/server IDTS System and coordinated team implementation using UnifAce, C, Sybase, and Oracle
  - Administered Oracle database structure and encryption procedures as IDTS Project DBA
  - Applied experience with graphical user interface design for X Window System and MS Windows to create development standards as a member of the UnifAce User Interface Standards Committee
  - Developed FoxPro applications to model waste transportation and incineration scheduling problems and provide graphical data analysis

- 9/92 – 1/93     **Research Assistant**, Stanford University, Stanford, CA
- Integrated two distinct object-oriented and relational semiconductor manufacturing databases into a centralized database
  - Authored a 44-page document allowing future researchers to achieve interoperability between the original systems via Penguin, a Stanford research project
- 3/88 – 7/91     **Technical Consultant**, Management Computing Solutions, Memphis, TN
- Evaluated hardware and programming requirements of projects for clients
  - Designed, developed, documented, installed, and maintained database applications
  - Applied self-taught programming and database skills to accomplish project objectives
  - Conducted training sessions in conjunction with software installation at client sites
  - Provided comprehensive technical and operational support to clients
  - Developed automated data transfer, conversion, and update programs
  - Analyzed and enhanced the performance of nationally marketed systems including the Bond Valuation system, Findata financial database, Enterprise incentive pay system, and ICP (an incentive pay system used by NationsBank)
  - Managed the following projects:

Registry Hotel Travel Agent Tracking System	-	\$5,150	Dec 20/Vax rewrite
Registry Hotel Group Booking System	-	\$25,000	PC-to-Vax interface
CSG Fund Performance Evaluation System	-	\$50,400	LAN database
  - Awarded a salary increase of over 14% in one year for exceeding performance goals

**SKILLS:**

- Extensive experience: C#, C++, C, Oracle Database, ASP.NET, Classic ASP, VB Script, Java Script, SQL, Web-enabled Database Systems, Informix, Visual FoxPro, HTML, Client/Server Architecture, ODBC, Pascal, Accent R, dBase, Clipper
- Moderate experience: Oracle APEX, Oracle PL/SQL, Sybase, Ingres, UnifAce, LISP, Scheme, COBOL, FORTRAN, Prolog, Ada, M68000 assembly, VAX assembly
- Environments: Sun Solaris (UNIX), Microsoft Windows, X Window System, MS DOS, VAX/VMS, TOPS-20, Novell Netware

**HONORS:**

- Phi Beta Kappa international honor society
- Senior Member of IEEE
- Certificate of Appreciation from the Department of Homeland Security for work on CSAT
- Letter of commendation from Colonel Baldwin, Chief of Staff at the National Guard Bureau, for delivering the OSCAR system on budget and ahead of schedule
- Letter of commendation from Craig Whitmire, Manager of the Documentation Management Center (DMC) at the Oak Ridge National Laboratory, for outstanding contributions to the DMC
- \$26,766 Stanford University Valentine Fellowship for academic merit
- Omicron Delta Epsilon international economics honor society
- Rhodes College Kepple Writing Prize (best freshman essay of 1984-1985)
- Recognized as an inventor of the Evacuation Monitoring and Accountability System (EMAS)
- Oak Ridge National Laboratory Significant Event Awards for work on the PASS and OSCAR projects
- Minuteman Award from the National Guard Bureau for work on the OSCAR project (a very prestigious award that is rarely presented to civilians outside of the National Guard community)

**SECURITY**

**CLEARANCE:**

- Department of Energy Q/SCI clearance