

# Anthony Yeracaris

67 Wildwood Avenue  
Newton, MA 02460  
617-244-5927  
amcy@yyci.com

**OBJECTIVE** Seeking a position as a Principal Application Architect. Primary responsibilities to include interfacing between Business and Technology organizations to achieve alignment, and working with Business and Technology to properly partition problem and solution spaces to ensure optimal application architectures and project execution.

**EXPERTISE** Veteran software engineer and architect. Known for strong analytic ability. Noted for quality, reliability, dedication. Breadth of experience, knowledge, training coupled with substantial depth of technical expertise. Selected for the most complex projects requiring thorough understanding of **architecture, analysis, layering, design, programming, debugging, porting, portability**, and **performance** issues and **internals** in **applications, tools, support systems**. Extremely productive. Self-directed. Very short learning curve. Expertise in **leadership, mentoring, and training**.

*Languages* Expert in **java** (J2EE), **C++**, **C**, **perl**. Thorough understanding of, experience with, and training in coding aspects, especially including **separation of concerns, object-oriented design, design patterns, algorithms, modular design, structured programming, “defensive” programming, robustness, efficiency, performance, maintainability, insularity, data structures, and data types**. Thorough understanding of, experience with, and training in **porting** and **portability** aspects, especially including compiler-, hardware-, and operating system-dependencies.

*Databases* Thorough understanding of, experience with, and training in technical aspects, especially including **client-server architectures, normalization, transactions, multi-user, locking, deadlock, starvation (livelock), and efficiency**. Thorough understanding of, experience with, and training in implementation aspects, especially including all technical aspects as well as **indexing, caching, linkages, many-to-many set relationships** and **clustering**.

*Systems/  
Environments* Expert in **UNIX**. Thorough understanding of, experience with, and training in technical aspects, especially including **internals, memory management, process management, event handling, scheduling, file system, IPC, resource sharing, semaphores, and shared memory**. Fluency in furnished system services, especially including administrative-, memory-, process-, file-, I/O- and IPC-related. Thorough understanding of and experience with **environmental issues** and **utilities**. Experience with multi-platform environments. Familiarity with **SOA** principles.

*Hardware* Thorough understanding of, experience with, and training in architectural aspects, especially including **byte ordering, word size, floating point format, porting** and **portability**.

*Compilers* Expertise and training in technical aspects, including **lexical analysis** and **parsing**, as well as macro preprocessing. Thorough understanding of, experience with, and training in other technical aspects, including **code generation** and **optimization** techniques.

*Utilities* Expert in **ClearCase, make**, shell scripts (**sh, ksh, csh, bash**), **emacs, vi** and other editors, **jdb** and other debuggers, **Word** and other word processing systems, **Excel** and other productivity applications, other **UNIX** utilities.

## EXPERIENCE

*9/02-Present* **Principal Architect**  
**Omgeo, LLC.**

Boston, Massachusetts 02210

Assumed primary architectural responsibility for **Omgeo CTM**, Omgeo's premier high-performance high-volume cross-border matching utility. As **Consulting Engineer** reporting to Director of Development, interfaced with Product Management, Product Design and QA to align Technology with Business. Product technical strategy, cross-project coordination, estimation, development process, supervision of project execution. As **Principal Architect**, helped formulate enterprise technical strategy towards adoption of **SOA/ESB**, including acting as architect for a prototyping effort.

- 9/87-9/02 **Principal Technical Consultant**  
**Y. Y. Consulting, Inc.**  
 Newton, Massachusetts 02460  
 Contracts usually extended. Termination always at completion. Contracts include:
- Omgeo, LLC**, Boston, MA (formerly **Thomson/ESG**). Multiple contracts.
- 9/00-9/02 • Lead architect and technical designer (within existing framework) of **OG Bridge** for **Omgeo CTM**. Technical lead for largest/hardest **Omgeo CTM** projects. Primary organizer of development process to support multiple concurrent workstreams. ClearCase front-end. **Supervision, leadership, mentoring. java, C, Oracle, ClearCase, SunOS.**
- 10/97-9/00 • **OASYS Global, OASYS GlobalDirect** and **OASYS Global Workstation** maintenance and system enhancements. Y2K analysis and bugfixes. Analysis tools. **C, perl** (4 and 5), **Sybase, pvcs, SCO UNIX.**
- 1/96-12/96 • **OASYS GlobalDirect** development. RPC, database subsystems. Team support. Client database maintenance UI. **C++ (g++), perl** (4), **Sybase, rpc, pvcs, SCO UNIX.**
- 4/95-9/97 **VMARK Software, Inc.**, Westborough, MA. Multiple contracts. **UniVerse. ODBC, SQL, C++ (g++, Visual, Borland), lex (flex), yacc, ORACLE, UniVerse, Ingres, DB2, Solaris, HP/UX, Windows NT.**
- 1995-1997 **NYNEX**, Boston, MA. Multiple 1-3 day engagements. **RDM, Interleaf.**
- 2/93-4/95 **Interleaf, Inc.**, Waltham, MA. **Interleaf 5 and 6. Lisp, C, RDM, ORACLE, SQL, SPARC, Solaris, RS/6000.**
- 5/92-2/93 **Thomson/First Call**, Boston, MA. **First Call 4.0. C (gcc), db\_VISTA, BSD sockets, C-scape, rcs, SCO UNIX.**
- 2/92-5/92 **GCA Corporation**, Andover, MA. **C++ (g++), DataViews, lex, yacc, SCCS, make, SUN/SunOS, MIPS/Ultrix.**
- 4/91-12/91 **Digital Equipment Corporation**, Chelmsford, MA. **DECView3D. perl. ANSI C, VAX C, VAX PASCAL, FORTRAN, PASCAL, VAX/VMS. MIPS/Ultrix.**
- 4/91 **Advanced Programming Techniques**, Boston, MA (1 day). **db\_VISTA internals** class instructor.
- 1/91-4/91 **Expert Views, Inc.**, Waltham, MA. **perl, MIPS/Ultrix.**
- 5/90-12/90 **Wang Laboratories, Inc.**, Lowell, MA. **Wang OPEN/office. make, SCCS, C, SCO UNIX.**
- 2/90-5/90 **Software Productivity Research, Inc.**, Burlington, MA. **Checkpoint. C, MS-DOS.**
- 1/90-3/90 **Technology Development, Inc.**, Salem, NH.
- 10/87-12/89 **Adelie Corporation**, Cambridge, MA. Multiple contracts. **CLOSE/C. db\_VISTA, VAX/Ultrix, System V (AT&T 3B2, AT&T 6386/WGS).**
- 1/88-2/89 **Computervision**, Bedford, MA. **CADDS Database Access, IGES Translator. SUN/SunOS, VAX/VMS, VAX C, VAX LINKER** (and subtleties), **FORTRAN, DCL.**
- 4/88-9/89 **Raima Corporation**, Bellevue, WA. Multiple subcontracts. **db\_VISTA.**
- 8/84-10/87 **Senior Software Engineer**  
**Adelie Corporation**  
 Cambridge, Massachusetts 02140  
**CLOSE/C. ISO/OSI, db\_VISTA, C, CODASYL, MDBS-III, db\_VISTA, VAX/Ultrix, IBM PC.**
- 5/83-6/84 **Technical Support Engineer**  
**The Wollongong Group**  
 Palo Alto, California 94303  
**EUNICE. C, BSD UNIX, VAX/VMS.**

9/82-5/83 **Teaching Assistant**  
1/84-5/84 **Department of Computer Science**  
Stanford University

*Data Structures and Algorithms, Operating Systems, Graphics, and Searching and Sorting. C, PASCAL, TOPS-20.*

9/81-7/82 **Software Engineer**  
**Digital Equipment Corporation**  
Maynard, Massachusetts 01754  
**VLS. BLISS/32, VAX/VMS**

## **EDUCATION**

1984 **MS, Computer Science/Computer Engineering**  
**Stanford University**

**BSD UNIX, EUNICE, TOPS-20, VAX/VMS.**

*GRE* Qualitative 99%, Analytic 99%, Advanced (Computer Science) 99%.

1981 **BS, Computer Science**  
**Cornell University**

Dean's List (4 Semesters, 1979-1981).

**TOPS-20, VAX/VMS, VM/CMS.**

*Major* Artificial Intelligence, Compilers, Advanced Compilers, Computer Networks, Data Structures, Database Systems, Advanced Database Systems, Graphics, Language Features, Machine Organization, Numerical Analysis, Operating Systems, Advanced Operating Systems, Theory of Computing I and II.

*Minor* Computer Input/Output, Computer Structures, Error-Correcting Codes, Microprocessor Systems, Processor Organization, VLSI Systems.

## **MISCELLANEOUS**

Not interested in weapons systems work.

## **REFERENCES**

Available upon request.