11502 Poema Pl. #203   Phone 818 324 5127
Chatsworth, CA 91311   E-mail toddmc@earthlink.net

Todd J. McCaffrey

Technical Skills	Languages: Java, C/C++, PHP, JavaScript, Perl, FORTRAN, Assembler, Pascal
	Markup Languages: HTML, XML, XSLT
	Protocols: LDAP, X.500, TCP/IP, HTTP
	Methodologies: UML, OOA&D
	Operating Systems: UNIX/Linux, Windows 3.1-Vista
	Databases: Oracle 8.1.7, IBM DB2 UDB, MySQL
	Adobe Premiere Pro, WordPress, Joomla, Moodle
	Microsoft Office and all the usual suspects

Employment

Aug '09 - present

Freelance Writer

Demand Studios (demandstudios.com). Work-for-hire, software-related articles.

Jan '02 - present
Freelance writer

New York Times Bestselling author (July 30th, 2006, *Dragon's Fire,* co-authored with Anne McCaffrey)

Sep '01 – Dec '01   Countrywide Home Loans, inc.   Moorpark, CA
Senior Software Systems Analyst

- Provide Quality Assurance on Global Origination Software system.

Apr '01- May '01   LRN   Westwood, CA
Senior Programmer

- Worked to enhance Java-based reporting system.
- Worked to transition web-based legal education system from Perl/Apache to Oracle 9iAS on Solaris and Linux platforms.
- Company downsized in response to current economic conditions.

Feb '01 – Mar '01   self-employed   Tarzana, CA
Independent Contractor

- Worked on enhancements to Java GUI.

Aug '00 – Jan '01   Oxelis, inc.   Santa Monica, CA
Senior Programmer

- Utilized UML and OOA&D to architect, design, and develop in eight weeks a

GUI written in Java.

- Developed distribution and obfuscation tools in Perl for HTML/Javascript web pages.
- Installed and administered Linux, Apache, BIND, DNS, and MTAs.

Jun '98 – Jul '99   Symas Corporation   West Hills, CA

Founder & Engineer

- Developed user management software leveraging open source software.
- Wrote LDAP browser demo in Java using JNDI in 4 weeks.
- Wrote authorization agents for Livingston RADIUS servers, Apache Web servers in C.
- Wrote install and configuration scripts in Perl for Linux/UNIX components

Oct '97- Jun '99   PLATINUM technology, inc.   Inglewood, CA

Project Leader

- In charge of designing the next-generation enterprise user management tool. Participated in technical evaluation of multi-million dollar acquisitions. Evaluated in-house alternative design strategies, coordinated with and presented to customers.
- Responsible for staffing, scheduling, product design, and interface with documentation, test, release. Tasked to utilize PLATINUM's developing infrastructural software components in the design of the new product.
- Worked extensively with X.500, LDAP, Java, and C++. Evaluated JNDI and Java with CORBA.
- Developed demo in C++ with a staff of 5 in four months. Architected and coded core logic.
- Company was acquired by Computer Associates in June 1998.

Jul '96 – Sep '97   PLATINUM technology, inc.   Inglewood, CA

Project Leader, ACXpert

- Managed a leading-edge project to develop a C++/Win32 (MFC) interface to the AutoSecure product using client/server object transportation via C++ on both Windows and UNIX. Managed a staff of 6 developers. Product shipped on time.

Nov '95 – Jul '96   PLATINUM technology, inc.   Inglewood, CA

Manager, AutoSecure

- Assumed responsibility for porting and packaging a UNIX high-granularity security product under an extremely tight schedule (45 days) with a development staff growing from 2 to 6 while simultaneously developing a test plan, and managing a testing staff of two. Product shipped on time. Shipped two more point releases between January and July.

Jul '95 –Oct '96   Locus Computing Corporation   Inglewood, CA

Manager

- Evaluated the feasibility of creating a new multi-million dollar product to provide vital transparent networking for Windows 95. Produced business plan, competitive analysis, design documents, schedules, and staffing requirements. Project was cancelled when Locus was acquired by PLATINUM technology, inc.

Oct '92 – Jun '95   Locus Computing Corporation   Inglewood, CA

Test and Support Manager, Merge

- Created a test organization, which in 7 months verified the quality of 345,000 lines of code to create the Windows 3.1 and 95 environments on Intel-based UNIX operating systems.

- Managed a staff of 6 through the testing of 4 product releases on three operating systems.

- Implemented quality reporting and assessment programs, produced streamlined reporting mechanisms, established exit criteria in association with stringent vendor Quality Assurance programs.

- Established Support response times, created defect removal metrics and projections, provided two maintenance releases on four operating systems. Liaised extensively with OEMs technical support. Provided on-site support for critical accounts.

- Trained technical support personnel at Novell, SCO, and Sun.

Feb '91 – Sep'92   self-employed   Palms, CA
Freelance Writer

- Developed concepts and screenplays for film and television. Wrote and sold short fiction. Attended Clarion West Writers' Workshop 1992.

Oct '89 – Jan '91   Locus Computing Corporation   Inglewood, CA
Manager, PC-Interface, DOS Driver, TCP/IP for DOS

- Managed a staff of 6 developers through three releases of the PC-Interface product line. Responsible for project timeline and coordination with Quality Assurance, Documentation, Release Control, and Customer Support.

- Received corporate Award for Management 1990.

Jan '86 – Sep '89   Locus Computing Corporation   Santa Monica, CA
Member of the Technical Staff

- Extensive work with UNIX utilities and kernel. Part of 12-man "SWAT Team" designated to make the release of IBM's AIX PS/2 v 1.0 on time. This multi-million dollar effort paved the way for continued work with IBM for the next three years. Trained IBM technical support personnel.

May '84 – Aug '85   Omnitek, Ltd.   Tallaght, Ireland
Intern

- Modified Atari Word Processor binary to reposition quote keys.

- Created fonts and download routines to load Greek and Mathematical symbols onto Epson FX-80 printer.

- Wrote 6502 Assembly ROM-based multi-font text display system.

- Provided ad hoc customer training on various Atari products.

- Attended trade shows as company representative.

Sep '82 – June '85   College of Technology, Bolton Street Dublin, Ireland

Student

- Continued studies in Mechanical Engineering.

Jul '78 – Jun '82   US Army   Germany
Training NCO

- Developed prototype company muster report in Atari BASIC.
- Developed and implemented company level training plans.
- Presented mandatory company-level training classes.

| Sep '76 – Jun '78 | College of Technology, Bolton Street | Dublin, Ireland |

Student

- Enrolled in Mechanical Technician Diploma course.

- Transferred to Mechanical Engineering Degree course 1976

| Sep '74 – May '75 | Lehigh University | Bethlehem, PA |

Freshman

- Self-taught BASIC.
- Self-taught FORTRAN IV.
- Self-taught CDC Cipros Ascent Assembly language and wrote Assembly programs for CDC 6500 series.
- Modified WORLD2 world simulation program written in FORTRAN IV to incorporate human response (> 30% code change).

| **Education** | 1985 | Trinity College | Dublin, Ireland |

Bachelor of Science, Mechanical Engineering

- With Honours

| 1987-1990 | UCLA Extension | Westwood, CA |

- Spacecraft System Design and Analysis
- Spacecraft Propulsion
- Orbital Mechanics
- Spacecraft Structural Design and Analysis

Awards received

Army Commendation Medal, 1982

Locus Computing Corporation Award for Management Development, 1990.

Locus Computing Corporation "Make It Happen" Award, 1995

Hobbies

3D Modeling with modo 203/302/401, ZBrush3.5, Carrara Pro 6,

Vue Esprit 6/7, Bryce 6.0, Poser 7

Licensed Pilot
Rollerblading
Dance

Publications

Dragonheart, science fiction, published by Del Rey Books, 2008

Dragon Harper, science fiction, published by Del Rey Books, 2007

Dragon's Fire, science fiction, published by Del Rey Books, 2006

Dragonsblood, science fiction, published by Del Rey Books, 2005

Dragon's Kin, science fiction, published by Del Rey Books, 2003

Dragonholder, non-fiction, published by Del Rey Books, 1998

Various science fiction short stories