AARON TODD SHERRILL

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CAREER SUMMARY

Technology professional with broad experience in software development, marketing, support, education, technical writing and teaching. A persistent problem solver. Enjoy development and working with others. Traditional values of dependability, honesty and commitment. Take pride in excellence and work well done. Near fluency in Mandarin Chinese.

EMPLOYMENT

Milestone Computer Solutions, LLC	2016 to Present
Asheboro, NC and Taipei, Taiwan	

Developed integrated two-application server system for pension management company's new service involving new ASP.NET Core application for client's customers and new development for existing in-house Visual FoxPro 9 application. Deployed system 12/2017 with IIS and SQL Server in Azure. Currently supporting production system and developing new version 2 functionality.

Toolbox Coding	2003 to 2015
Taipei, Taiwan	Owner and Developer

http://www.chinesetoolbox.com: Created entirely new type of software for learning Chinese involving managed reading assistance, progress tracking, and tools to help focus learning effort. Developed Windows application in C++, server in Perl with MySQL database, online store via PayPal integration, license key system, and website with comprehensive end-user documentation.

Apple Inc.	1997 to 2002
Raleigh, North Carolina	Senior Consulting Engineer & Analyst

In Professional Services division of Apple, designed/programmed enterprise-class software systems (web, desktop and multi-tier applications) in Java and Objective-C for U.S. Postal Service, Military Sealift Command, and Apple:

U.S. Postal Service assignment: As project analyst/developer, designed and developed client-server, web, and multi-tier software for Signature Confirmation service. Developed desktop (Cocoa), legacy (LOF screen-scraping), web, and UNIX server applications enabling USPS call center to service customers. Utilized application server and database modeling technologies. Worked closely with customers in defining requirements and managing schedules, testing, and deployment.

Military Sealift Command assignment: Sole developer of Java-based warehouse application in final stages of application development and deployment. Worked closely with customer after initial deployment to identify remaining problems and develop/deploy enhancements.

Apple internal assignment: Worked with team to develop internal application. Documented requirements in USE-CASE format. Wrote PL/SQL stored procedures to migrate data.

NetObjects Inc.	1996 to 1997
Redwood City, California	Software Engineer

Served in three roles: <u>Technical Support:</u> serviced end-users via phone and email. <u>Developer Support:</u> supported third-party developers; developed documentation for NetObjects Fusion Component API. <u>Engineering:</u> API development; developed, tested and documented component API in C++; developed sample code demonstrating API functionality on Mac & Windows, enabling third-party development of NetObjects Fusion extensions. Handled and resolved all API support requests.

Addtron Technology Co Ltd	1995 to 1996
Fremont, California	Marketing Specialist

Numerous responsibilities in small sales office of Taiwanese company. <u>Advertising:</u> worked with ad agencies. <u>Trade Shows:</u> handled *all* aspects of show preparation, booth design, space reservation, etc. Presented and demonstrated products. <u>Technical Support:</u> managed support staff.

Self-employed	1988 to 1995
Taipei, Taiwan	Technical Writer

Developed over 70 manuals for broad range of technology products, including API documentation, laptops, motherboards, routers, network cards, etc. Gathered product information through direct use and meetings with engineers. Developed written content and artwork. Responsible for *all* aspects of manual creation. Put forth painstaking efforts to ensure that manuals were logically organized, easy to read, and beautiful. Final 150-page Chaplet laptop manual recognized by *Portable Computing* magazine as being

> *well-written and illustrated, easy to understand, and logically organized. Everything you need to know about the LA-30A is there. The manual also includes a tutorial that shows you how to set up the Chips and Technologies NEAT chipset for special RAM configurations.*

SKILLS

- **Languages**: C#, C++, Objective C, C, Java, JavaScript, Perl, others
- **Systems**: Windows, macOS, iOS, Mac OS X Server, Linux, Solaris, BSD, OpenStep, Android
- **Programming technologies**: API development, Model-View-Controller (MVC), internationalization, globalization, Cocoa, client/server, web applications, web services, Winsock, sockets; HTTP, Unicode, object-oriented design, Enterprise Object Framework, XAMPP, PL/SQL, WebObjects, screen-scraping, ASP.NET Core, .NET framework, Razor, Dependency Injection, JSON, Bootstrap, LINQ queries, Tag helpers, View Models, Regular Expressions, Lambda expressions, Knockout, Identity, Entity Framework, Data annotation, Fluent API
- **Databases**: SQL Server, MySQL, Oracle, DB2, Sybase, OpenBase, Access, Filemaker Pro
- **Web servers**: IIS, Apache
- **Development environments**: Visual Studio, C++Builder, Android Studio, WebObjects, other
- **Version control systems**: Concurrent Versioning System (CVS), Perforce, GIT
- **Virtualization**: VMware Workstation, VMware Fusion

EDUCATION

BS in Computer Science, 1985, Louisiana State University in Shreveport, Shreveport, LA