

# AARON TODD SHERRILL

408 Fletcher Drive, Raleigh, NC 27603, USA

Email: [atsherrill@gmail.com](mailto:atsherrill@gmail.com) Phone: (919) 904-5173

See <http://www.toolboxcoding.com/career> for details

## CAREER SUMMARY

Broad career in *technology* and *communications* with many skills, perfection pervading everything.  
Career titles, skills and accomplishments:

- **Business owner/manager:** established successful school with 300+ students and several employees.
- **Software engineer, developer & analyst:** designed, developed, and deployed own C++ educational software product for learning Chinese with Perl backend system (payment, licensing and usage tracking). At Apple Inc. developed Cocoa, web, and web services in Java and Objective C.
- **Technical support:** received escalations, resolving the most technically challenging issues.
- **Technical writing:** recently developed extensive technical content for [Chinese Toolbox](#) and during early career as a [technical documentation consultant in Taiwan](#). Developed Instructional Design materials for Bethany Cram School.

A problem-solver and software creator, flexible, driven, energetic, thriving on challenge, accomplishing goals. *Seeking to work in technology space: development, writing, and/or support.*

## EMPLOYMENT

---

Toolbox Coding and Bethany Cram School Raleigh, NC and Taipei, Taiwan	2003 to Present Owner, manager, 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. Currently developing next version for iOS and Android.

<http://www.bethany.com.tw>: Established successful private school in downtown Taipei. Initially home-based, has grown to over 300 students and several employees providing instruction in English, Chinese literature, physics, biology, and math.

---

Apple Inc. Raleigh, North Carolina	1997 to 2002 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: Technical Support: serviced end-users via phone and email. Developer Support: supported third-party developers; developed documentation for NetObjects Fusion Component API. Engineering: 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. Advertising: worked with ad agencies. Trade Shows: handled *all* aspects of show preparation, booth design, space reservation, etc. Presented and demonstrated products. Technical Support: 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++, Objective C, C, Java, JavaScript, Perl, several others (academic)
- **Systems:** Windows, OS X, Mac OS X Server, Linux, Solaris, BSD, OpenStep, iOS, 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; screen-scraping
- **Databases:** MySQL, Oracle, DB2, Sybase, OpenBase, Access, Filemaker Pro
- **Web servers:** IIS, Apache
- **Application servers:** WebObjects
- **Development environments:** Visual Studio, C++Builder, Android Studio, WebObjects
- **Version control systems:** Concurrent Versioning System (CVS), Perforce
- **Applications:** Microsoft Office, Project, Visio, NetObjects Fusion, PhotoShop, Team Viewer
- **Desktop Publishing:** FrameMaker, PageMaker
- **Virtualization:** VMware Workstation, VMware Fusion

### *Non-computer skills*

- **Languages:** nearly fluent in Mandarin Chinese.
- **Writing:** technical writing mostly in early part of career and as part of *Chinese Toolbox*.
- **Teaching:** central to the family business (bethany.com.tw). Very high quality teaching of English grammar and conversation, resulting in a very effective and successful cram school in Taiwan.
- **Management:** Treat employees with respect, fairness and kindness. Most will do a great job.

## EDUCATION

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